

TOWN OF ANDOVER, MASS.

1901

ANNUAL REPORT OF

TOWN OFFICERS, Including

Report of ❁ ❁ ❁ ❁

BOARD OF PUBLIC WORKS

TOWN OF ANDOVER

ANNUAL REPORT

OF THE

Receipts and Expenditures



FOR THE FISCAL YEAR

ENDING JANUARY 14, 1901

ANDOVER, MASS.
THE ANDOVER PRESS
1901

CONTENTS

Abatement of Taxes,	57	Marking Graves, Report of	102
Almshouse,	76	Memorial Hall Trustees'	
Expenses,	69	Report,	110
Farm Account,	77	Memorial Day,	53
Personal Property at,	77	Military Aid,	62
Relief out of,	72	Miscellaneous,	63
Remaining in,	76	Notes given,	59
Repairs on,	72	Notes paid,	59
Appropriations, 1900,	13	Overseers of Poor,	69
Assessors' Report,	97	Park Commission,	52
Assets,	89	Park Commissioners' Report,	98
Auditors' Certificate,	107	Printing and Stationery,	54
Board of Public Works,		Punchard Free School,	108
maintenance,	57	Rogers Brook, Report of	
Board of Public Works,		Committee,	105
construction,	57	Schedule of Town Property,	68
Bonds, Redemption of,	58	School-houses,	26
Brick Yard, Purchase of,	54	Schools,	23
Cemetery Com., Report of,	83	School Books and Supplies,	28
Chief Engineer's Report,	78	Selectmen's Account,	23
Chief of Police, Report,	81	Sewer Department,	93
Cities and Towns,	74	Sidewalks,	35
Collector's Account,	87	Sinking Funds,	94
Commonwealth,	74	Snow, Removal of,	36
Cornell Fund,	86	Soldier's Relief,	73
County Tax,	57	Spring Grove Cemetery,	53
Dump, Care of,	52	State Aid,	60
Dep't Recommendations,	118	State Highway,	55
Dog Tax,	58	State Tax,	57
Earnings, Town Horses,	43	Street Lighting,	52
Fire Alarm,	51	Street Grades. Readjustment	
Fire Department,	49	of, (Expenses)	54
Hay Scales,	53	Summary of Appropriations	
Highways and Bridges,	30	and Receipts,	66
Highway Surveyor,	40	Summary of Selectmen's Orders,	67
Horses and Drivers,	33	Town House,	48
Insurance,	60	Town Meetings,	5
Interest on Notes and Funds,	58	Town Officers,	45
Liabilities,	88	Town Warrant,	113
Librarian's Report,	115	Treasurer's Account,	88
Lunatic Hospitals,	75	Tree Warden,	100
Macadam Roads,	37	Waterworks maintenance,	92
Markers for Graves,	60		

TOWN OFFICERS, 1900

Selectmen, Assessors and Overseers of Poor.

WILLIAM G. GOLDSMITH,	Term expires March, 1901
SAMUEL H. BOUTWELL,	“ “ “ 1901
JOHN S. STARK, Secretary,	“ “ “ 1901

Town Clerk and Tax Collector.

ABRAHAM MARLAND.

Town Treasurer.

GEORGE A. PARKER.

School Committee.

J. NEWTON COLE, Chairman,	Term expires 1903
Mrs. LIZZIE A. WILSON,	“ “ 1901
Mrs. ELLA S. MORRILL,	“ “ 1901
JOHN L. BREWSTER,	“ “ 1901
JOHN ALDEN,	“ “ 1902
JOHN N. COLE,	“ “ 1902
THOMAS DAVID,	“ “ 1902
*GEORGE D. PETTEE,	“ “ 1903
WILLIAM SHAW,	“ “ 1903

*Resigned.

Superintendent of Schools.

G E. JOHNSON.

Board of Public Works.

JOHN H. FLINT, Chairman,	Term expires March, 1902
FELIX G. HAYNES, Secretary,	“ “ “ 1902
JAMES P. BUTTERFIELD,	“ “ “ 1901
WILLIAM S. JENKINS,	“ “ “ 1901
JOHN L. SMITH,	“ “ “ 1903

Superintendent of Public Works.

JOHN E. SMITH.

Engineers of Fire Department.

LEWIS T. HARDY, Chief, GEORGE D. LAWSON, Clerk
ALLEN SIMPSON.

Park Commissioners.

ALBERT POOR, Chairman,	Term expires March, 1903
ARTHUR BLISS,	" " " 1901
CHARLES L. CARTER.	" " " 1902

Highway Surveyor.

JOSEPH T. LOVEJOY,	Term expires 1901
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Board of Health.

CHARLES E. ABBOTT, M. D., Chairman,	Term expires 1901
HOWELL F. WILSON.	" " 1902
J. A. LEITCH, M. D.,	" " 1903

Chief of Police.

WILLIAM L. FRYE. Appointed.

Constables.

GEO. W. MEARS,	WILLIAM L. FRYE
JOHN FALLOWS, JR.	

Trustees of Memorial Hall.

JOSEPH W. SMITH,	Term expires 1901
FRANCIS H. JOHNSON,	" " 1902
JOSEPH A. SMART,	" " 1903
E. KENDALL JENKINS,	" " 1904
GEORGE W. FOSTER,	" " 1905
FREDERIC S. BOUTWELL,	" " 1906
C. C. CARPENTER,	" " 1907

Trustees of Punchard Free School.—Terms expire 1901.

GEORGE H. POOR.	SAMUEL H. BOUTWELL.
HORACE H. TYER,	MYRON E. GUTTERSON.
GEORGE A. PARKER.	

Auditors.

CHARLES B. JENKINS,	GEORGE A. HIGGINS
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TOWN MEETING

Annual Town Meeting, March 5, 1900

WARRANT.

ESSEX, SS: To either of the Constables of the Town of
Andover. GREETING :

In the name of the Commonwealth of Massachusetts you are hereby directed to notify and warn the inhabitants of the Town of Andover qualified to vote in town affairs, to meet and assemble in the Town House, in said Andover, on Monday, the fifth day of March, 1900, at eight o'clock, A. M., to act on the following articles:

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2nd. — To choose Town Clerk, Treasurer, Collector of Taxes, three members of the Board of Selectmen, Assessors and Overseers of the Poor for one year, one member of the Board of Health for three years, three members of the School Committee for three years, one Trustee of the Memorial Hall for seven years, one Trustee of the Cornell Fund for three years, one Park Commissioner for three years, one member of the Board of Public Works for three years, one Tree Warden for one year, one or more Auditors of Accounts, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, a pound keeper, Fire Wards, and any other officers the town may determine to choose.

Article 3rd. — To take action on the following question :
“ Shall licenses be granted for the sale of Intoxicating Liquors in this town?”

Article 4th. — To determine what sums of money shall be appropriated for Schools, School-houses, School-books and Supplies, Highways and Bridges, Macadamized Roads, Sidewalks, Removing Snow, Horses and Drivers, Street Lighting, Town Officers, Public Works, Sinking Fund for Memorial Hall Notes, Fire Department, Town House, Almshouse, Repairs on Almshouse, State Aid, Military Aid, Relief out of Almshouse, State Tax, County Tax, Abatement of Taxes, Interest on Bonds, Funds and Notes, Redemption of Bonds, Voted Oct. 21, 1889, Notes Payable, Printing and Stationery, Miscellaneous, Memorial Day, Insurance, Spring Grove Cemetery, Hay Scales, Park Commission, Public Dump and other town charges and expenses.

Article 5th. — To see if the Town will authorize the issue of twenty thousand dollars of Sewer Bonds for construction purposes on petition of the Board of Public Works.

Article 6th. — To see if the Town will appoint a committee to readjust the grades of the streets and appropriate a sum of money therefor on petition of the Board of Public Works.

Article 7th. — To see if the Town will purchase the land adjoining the Town Farm owned by J. C. Foster of Oakland, Cal , and known as the Brick Yard property (containing about twenty-two acres) and appropriate a sum of money therefor on petition of T. F. Pratt and others.

Article 8th. — To see if the town will locate and maintain three incandescent lamps on Main street in Scotland District,

one near B. F. Holt's, one at four-corners near the late residence of John B. Abbott, one at four-corners near Wm. H. Carter's, and appropriate a sum of money therefor on petition of Newton Jaquith and others.

Article 9th. — To see if the Town will locate and maintain an incandescent lamp on Lowell street near James H. Kibbee's, and appropriate a sum of money therefor on petition of C. H. Kibbee and others.

Article 10th. — To see if the town will put all shrubs and bushes on the roadsides in charge of the Tree Warden on petition of the Park Commissioners and others.

Article 11th. — To see if the Town will appropriate a sum sufficient to place a marker of the Society of the Sons of the American Revolution, at the grave of each revolutionary soldier or sailor buried in this town, the expense not to exceed one dollar each, on recommendation of the above named society.

Article 12th. — To hear and act upon the report of the Selectmen in regard to appropriating a sum of money sufficient to widen Chester street in Ballardvale, beginning at a point on Lowell street and running southwesterly about six hundred feet.

Article 13th. — To see if the Town will vote that official ballots shall hereafter be used in town elections according to section 360, Chapter 548 of the Acts of 1898, on petition of B. M. Allen and others.

Article 14th. — To see if the Town will vote to lower the bed of Roger's Brook, so called, and appropriate a sum of money therefor on petition of A. P. Richardson and others.

Article 15th. — To see if the Town will appropriate one hundred and fifty dollars to lower the Culvert on School street between the residences of Mrs. Esther H. Byers and E. K. Jenkins.

Article 16th. — To see if the Town will accept and adopt the new town Seal as recommended by the State Commissioner of Public Records.

Article 17th. — To act on the reports of the Town Officers.

Article 18. — To see if the Town will revise and accept the list of names of Jurors prepared and posted by the Selectmen.

Article 19th. — To fix the pay of the Firemen for the ensuing year.

Article 20th. — To determine the method of collecting the taxes for the ensuing year.

Article 21st. — To determine the disposition of unexpended appropriations.

Article 22nd. — To authorize the Treasurer to hire money for the use of the Town in anticipation of Taxes, upon the approval of the Selectmen.

Article 23rd. — To determine the amount of money to be raised by taxation the ensuing year.

Article 24th. — To transact any other business that may legally come before the meeting.

Hereof fail not, and make due return of this Warrant with your doings thereon, to the Town Clerk, at the time and place of meeting.

Given under our hands at Andover, this sixteenth day of February, in the year nineteen hundred.

WM. G. GOLDSMITH,	}	<i>Selectmen of Andover</i>
SAMUEL H. BOUTWELL,		
JOHN S. STARK,		

Officer's Return

ANDOVER, March 5, 1900.

ESSEX, SS :

Pursuant to the foregoing Warrant, I, the subscriber, one of the Constables of the Town of Andover, have notified the inhabitants of said town to meet at the time and place, and for the purposes stated in said Warrant by posting a true and attested copy of the same on the Town House, on each School house, and in not less than five other public places, where bills and notices are usually posted, said Warrants have been posted two Sundays.

GEO. W. MEARS,

Constable of Andover.

At a legal meeting of the inhabitants of the Town of Andover qualified to vote in town affairs, convened at the Town House in said Andover on the 5th day of March, 1900, at eight o'clock in the forenoon, agreeably to the requirements of the foregoing Warrant, and after reading part of the same by the Clerk it was

Voted, to dispense with the further reading of the Warrant.

Took up Article 1st.

Chose George H. Poor Moderator, by ballot, he receiving all of the two ballots cast.

Voted, To elect three Constables.

Voted, To elect two Auditors.

Took up Article 2d and 3d together.

The Chair appointed William G. Goldsmith, John S. Stark and Samuel H. Boutwell tellers of votes for town officers and Barnett Rogers teller on the license vote, and they were all duly sworn to the faithful performance of their duty.

At ten minutes past eight the polls were opened and the meeting proceeded to vote for town officers and to vote on the Liquor License question.

The polls were closed at two o'clock P. M.

Whole number of votes cast	630
Necessary for a choice where there were two or more candidates for the same office,	316

FOR TOWN CLERK AND COLLECTOR OF TAXES :

Abraham Marland had	626
Harry A. Ramsdell had	2
Blanks	2

FOR TOWN TREASURER :

George A. Parker had	629
Blanks	1

FOR SELECTMEN, ASSESSORS, AND OVERSEERS OF POOR :

B. Frank Smith had	300
Samuel H. Boutwell had	630
John S. Stark had	577

Wm. G. Goldsmith had	337
Charles Greene had	4
John H. Campion had	1

FOR BOARD OF HEALTH,—3 years :

John A. Leitch had	630
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FOR SCHOOL COMMITTEE,—3 years :

John Newton~Cole had	625
George D. Pettee had	630
William Shaw had	614
John Adams had	1
John L. Brewster had	1

FOR TRUSTEE OF MEMORIAL HALL,—7 years :

Charles C. Carpenter had	627
Blanks	3

FOR AUDITORS OF ACCOUNTS :

George A. Higgins had	630
Charles B. Jenkins had	630

FOR PARK COMMISSIONER,—3 years :

Albert Poor had	630
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TREE WARDEN :

Charles L. Carter had	629
Blanks	1

FOR BOARD OF PUBLIC WORKS,—3 years :

John L. Smith had	628
Blanks	2

FOR CONSTABLES :

George W. Mears had	627
William L. Frye had	629
John Fallows, Jr. had	621

TRUSTEE CORNELL FUND,—3 years :

Frank E. Gleason had	630
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HIGHWAY SURVEYOR:

Joseph T. Lovejoy had	626
George W. Chandler had	2
Blanks	2

All the foregoing officers elected were chosen by ballot, the check list being used.

And the Moderator declared —

Abraham Marland elected Town Clerk and Collector of Taxes.

George A. Parker elected Town Treasurer.

William G. Goldsmith elected Selectman, Assessor and Overseer of the Poor for one year.

Samuel H. Boutwell elected Selectman, Assessor and Overseer of the Poor for one year.

John S. Stark elected Selectman, Assessor and Overseer of the Poor for one year.

John A. Leitch elected Board of Health for three years.

John Newton Cole, George D. Pettee, William Shaw elected School Committee for three years.

Charles C. Carpenter elected Trustee of Memorial Hall for seven years.

George A. Higgins, Charles B. Jenkins elected Auditors of Accounts.

Albert Poor elected Park Commissioner for three years.

Charles L. Carter elected Tree Warden.

John L. Smith elected to Board of Public Works for three years.

William L. Frye, George W. Mears, John Fallows, Jr.,
elected Constables.

Frank E. Gleason elected Trustee of Cornell Fund for
three years.

Joseph T. Lovejoy elected Highway Surveyor.

The result of the vote on the Liquor License question was
declared by the Moderator to be as follows:

“ Yes,” 61. “ No,” 241. Total, 302.

Chose Surveyors of Lumber: Henry Gray, Charles H.
Marland, George W. Chandler, Charles G. Hussey, Edward
S. Moulton, Frank E. Gleason, William H. Carter, Henry
Boynton, Lewis T. Hardy, Edward S. Hardy.

Chose Field Drivers: J. Warren Mooar, George W. Mears.

Chose Pound Keeper: George L. Burnham.

Voted, that the Town barn and barn yard be 'the Pound.

Chose Fire Wards: Anthony Ward, William H. Tucker.

Chose Fence Viewers: William H. Carter, George Buchan,
Michael T. Welch.

Took up Article 4th.

Voted, To appropriate the following stated sums of money :

Schools,	\$21,500 00
School-houses,	2,500 00
School Books and Supplies,	1,500 00
Highways and Bridges,	3,500 00
Macadamized Roads, and the amount received from Street Sprinkling and from the Street Railroad and for the use of Town Teams,	3,000 00
Sidewalks (\$750 00 of this amount is to be expended under the “ Betterment Act”)	1,000 00
<i>Amount carried forward,</i>	<hr/> \$38,000 00

<i>Amount brought forward,</i>		\$33,000 00
Removing Snow,		500 00
Horses and Drivers,		3,500 00
Street Lighting,		4,200 00
Town Officers,		6,000 00
Of this amount salaries to be paid as follows :		
Clerk,	\$1,000 00	
Treasurer,	400 00	
Selectmen, (3)	325 00	
Overseers of the Poor, (3)	350 00	
Assessors, (3)	1350 00	
Auditors, (2)	60 00	
Board of Public Works, (for ex- penses)	50 00	
School Committee, (for expenses)	50 00	
Public Works,		
Maintenance,	6,000 00	
Construction,	1,000 00	
Sinking Funds,	750 00	
	<hr/>	7,750 00
Sinking Fund, (Memorial Hall Notes)		300 00
Fire Department,		
Maintenance,	\$3,000 00	
Fire Alarm,	300 00	
New Hose,	500 00	
	<hr/>	3,800 00
Town House,		1,500 00
Almshouse,		5,000 00
Repairs on Almshouse,		300 00
State Aid,		1,600 00
Military Aid,		250 00
Relief out of Almshouse,		6,000 00
State Tax,		4,000 00
		<hr/>
<i>Amount carried forward,</i>		\$77,000 00

<i>Amount brought forward,</i>	\$77,000 00
County Tax,	4,000 00
Abatement of Taxes,	1,000 00
Interest on Notes, Funds, and Bonds,	14,000 00
Redemption of Bonds,	5,000 00
Notes Payable,	
Sewer Loan,	3,000 00
Park Loan,	1,700 00
	<hr/>
	4,700 00
Printing and Stationery,	1,500 00
Miscellaneous,	1,500 00
Memorial Day,	200 00
Insurance,	600 00
Spring Grove Cemetery, and proceeds of sale of lots,	300 00
Hay Scales,	50 00
Park Commission,	500 00
Public Dump,	50 00
Tree Warden, (salary and expenses)	500 00
Readjustment of Street Grades, (expenses)	200 00
Markers for graves of Revolutionary Soldiers and Sailors,	50 00
	<hr/>
	\$111,850 00
	<hr/>

Voted, That the matter of Street Lighting be under the same Committee as last year as follows: William G. Goldsmith, Barnett Rogers, John L. Smith, John W. Bell, Colver J. Stone.

Voted, That fifteen hundred dollars be appropriated for the Town House and a committee of three be appointed by the Chair to look into the matter and report at a future meeting. The Chair appointed as that Committee William S. Jenkins, Jacob W. Barnard and John N. Cole.

Voted, That a Finance Committee of fifteen, as last year, be appointed by the Chair to make recommendations for next

year, and that it consist of one member of the Board of Selectmen, one member of Board of Public Works; one member of the School Committee; one member of the Engineers of the Fire Department, the Highway Surveyor, and the remainder from the citizens at large. The Chair appointed the following persons as that Committee: John L. Brewster, School Committee; John L. Smith, Public Works; Samuel H. Boutwell, Selectmen; Lewis T. Hardy, Fire Department; Joseph T. Lovejoy, Highways; E. Kendall Jenkins, John W. Bell, Bancroft T. Haynes, Arthur Bliss, Barnett Rogers, Howell F. Wilson, Walter S. Donald, George T. Eaton, Peter D. Smith and Edgecomb J. Rowe.

Took up Article 5.

Voted, That the Treasurer be and he is hereby authorized to issue the bonds of the Town to be designated on their face as the Andover Sewer Loan to the amount of twenty (20) thousand dollars in addition to the amount heretofore issued, for this purpose, the proceeds to be used for the purpose of constructing a system of sewers for the Town as authorized by Chap. 386, Acts of 1895, and Chap. 139 Acts of 1897.

The bonds hereby authorized shall be twenty (20) in number and shall be of the denomination of one thousand (1000) dollars each. They shall be numbered from one hundred and eleven (111) to one hundred and thirty (130) both numbers inclusive, they shall bear date of June 1st, 1900; and mature and be paid June 1st., 1905; they shall bear interest at the rate of four (4) per centum per annum and the interest shall be paid semi-annually on the first day of June and December of each year; they shall have coupons attached to them providing for the payment of said interest at the times aforesaid; the principal and interest of said bonds shall be payable at some convenient bank or office in the City of Boston. Said bonds shall be signed by the Town Treasurer and countersigned by the Board of Public

Works as required by law in this behalf, and shall be issued from time to time as the proceeds may be required by the Board of Public Works. They shall be sold by the Treasurer to the highest bidder therefor in proposals to be solicited by him from bankers and others.

For the purpose of paying the principle of said bonds at their maturity, a sinking fund is hereby established in accordance with the provision of law in this behalf, and the Treasurer is hereby authorized and required to pay into said sinking fund whatever premium may be received from the sale of said bonds in excess of their face value and there shall be raised by taxation and contributed annually such sums as shall be sufficient with the excess from receipts from assessments and payments, together with the accumulations thereof, to pay the principle of said bonds at their maturity, but said sinking fund shall remain inviolate and pledged to the payment of said bond and not to be used for any other purpose.

The vote stood, yes, 130 ; no, 1.

Took up Article 6.

Voted, That the Board of Public Works have charge of the matter of readjusting the grades of the streets, and that the sum of two hundred dollars (\$200) be appropriated for that purpose.

Took up Article 7.

Voted, That the Selectmen be authorized to purchase the Brick Yard property, if, in their judgment it is desirable, at a price not to exceed twelve hundred dollars (\$1,200).

Took up Article 8.

Voted, To indefinitely postpone.

Took up Article 9.

Voted, To indefinitely postpone.

Took up Article 10.

Moved, That all shrubs and bushes on the road sides be put in charge of the Tree Warden.

This motion was not carried.

Took up Article 11.

Voted, That fifty dollars (\$50) be appropriated for the purpose of placing a marker of the Society of the Sons of the American Revolution at the grave of each Revolutionary Soldier and Sailor buried in the Town, to be expended under the direction of the local chapter, Daughters of the Revolution.

Took up Article 12.

Voted, To indefinitely postpone.

Took up Article 13.

Moved, That official ballots shall hereafter be used in Town elections according to Section 360, Chapter 548 of the Acts of 1898.

This motion was not carried ; the vote stood, yes, 86 ; no, 143.

Took up Article 14.

Voted, That the matter of lowering Rogers' Brook, so called, be referred to the Board of Park Commissioners and the Board of Public Works, to report at the next Annual Town Meeting.

Took up Article 15.

Voted, To report the matter of lowering the culvert on School Street to the Highway Surveyor.

Took up Article 16.

Voted, To adopt the new Town Seal as recommended by the State Commissioner of Public Records.

Took up Article 17.

Voted, To accept the report of the Town Officers. Mr. J. Newton Cole, for the committee appointed to look into the methods of book-keeping employed by the Town, reported that they found the system very good, but suggested the discontinuance of making an order on the Treasurer for each bill, and instead, making one order for the total footing of each department. It was also suggested that all bills be entered and ready for payment by noon of pay day.

Took up Article 18.

The names of George H. Pearson and Richard J. Dodson were stricken from the Jury List at their request.

Voted, To accept the Jury List as revised here following :

List of Jurors—1900.

Abbott, Stephen E.	Farmer
Abbott, Allen F.	Carpenter
Anderson, James	Hackle maker
Averill, George L.	Farmer
Bailey, Samuel H.	Farmer
Bailey, Frank E.	Farmer
Bailey, Nathan R.	Farmer
Billington, Charles F.	Wool sorter
Boutwell, Samuel H.	Farmer
Boynton, Henry	Farmer
Brown, George A.	Clerk
Burnham, George L.	Farmer
Burns, William J.	Merchant
Chandler, Joshua H.	Farmer
Cole, Joseph F.	Contractor
Cole, Roscoe K.	Carpenter
Collins, Daniel A.	Rubber worker
Daley, James E.	Rubber worker
Daley, Patrick J.	Merchant

Dane, Louis A.	Printer
Davey, John	Engineer
Dear, Alexander	Farmer
Dodge, George K.	Photographer
Doherty, William J.	Carpenter
Donald, Walter S.	Manufacturer
Downing, Emanuel	Farmer
Eastman, Ira A.	Farmer
Farnham, Moses L.	Clerk
Feeney, Michael J.	Farmer
Flint, James S.	Farmer
Foster, Frank M.	Carpenter
Gould, Henry E.	Farmer
Grosvenor, James	Clerk
Hackett, William H.	Farmer
Hardy, Albert A.	Farmer
Hardy, E. Gerry	Farmer
Hardy, Frank H.	Brush man'f'r
Hardy, Fred. S.	Farmer
Hill, Ira B.	Stable keeper
Hayward, Henry A.	Farmer
Herrick, George W.	Watch maker
Holt, John M.	Stone mason
Howarth, Edward	Overseer
Hurley, John F.	Carpenter
Hussey, George E.	Clerk
Jenkins, Charles B.	Clerk
Kibbee, Charles H.	Farmer
Livingston, William	Farmer
Lowd, Joseph H.	Clerk
McDermitt, Charles	Flax dresser
Mears, Nathan E.	Overseer
Mooar, J. Warren	Painter
Moody, A. Herbert	Carpenter
Newton, Fred	Operative
Phelps, Frank C.	Farmer

Poor, Daniel H.	Wool sorter
Riley, Lawrence F.	Wool sorter
Riley, John A.	Wool sorter
Robinson, Charles W.	Machinist
Schneider, Louis H.	Moulder
Stiles, George W.	Carpenter
Stack, John, Jr.	Janitor
Stark, John S.	Provision dealer
Stott, Thomas E.	Wool sorter
Swanton, Fred A.	Farmer
Thayer, Samuel	Farmer
Tuck, M. Warren	Shoe maker
Ward, Wilbur F.	Overseer
Waldo, Joseph W.	Carpenter
Way, Fred C.	Farmer
Welch, Michael T.	Mason
White, Herbert L.	Salesman

WILLIAM G. GOLDSMITH,	} <i>Selectmen</i>	
SAMUEL H. BOUTWELL,		<i>of</i>
JOHN S. STARK,		} <i>Andover.</i>

Took up Article 19.

Voted, That the pay of Firemen be the same as last year, twenty-five dollars per year.

Took up Article 20.

Voted, That the Tax Collector be paid a salary of one thousand dollars as Town Clerk, Tax Collector, and Clerk of the Selectmen, Assessors and Overseers of the Poor, and all fees collected be turned into the Town treasury.

Took up Article 21.

Voted, That all unexpended appropriations be turned into the Town treasury.

Took up Article 22.

Voted, That the Treasurer be authorized to hire money for the use of the Town in anticipation of taxes, upon the approval of the Selectmen.

Took up Article 23.

Voted, To raise eighty-seven thousand dollars (87,000.00) by taxation the ensuing year.

Took up Article 24.

Voted, That the meeting be dissolved.

The meeting was dissolved at 4.30 o'clock P. M.

The foregoing is a true copy of the Warrant and the Officer's Return thereon, also a true record of the doings of the meeting.

Attest:

ABRAHAM MARLAND,

Town Clerk.

SELECTMEN'S ACCOUNT

SCHOOLS

Appropriation, March 5th, 1900,	\$21500 00
George E. Johnson, Superintendent,	\$1749 96
Anna E. Chase, teaching,	750 00
Frances B. M. Wilgoose, teaching,	104 20
Katherine Robinson, teaching,	300 00
Frances I. Brown, teaching,	300 00
Carolyn A. Dean, teaching,	469 38
E. L. Comstock, teaching,	309 59
Edith E. McLawlin, teaching,	650 00
Lucy A. Roach, teaching,	281 24
Annie O. S. Clemons, teaching,	285 00
Jennie S. Abbott, teaching,	475 00
Adele H. Duval, teaching,	475 00
Evelyn P. Reed, teaching,	443 89
Mary E. Scott, teaching,	365 00
Clara A. Putnam, teaching,	650 00
Jessie B. F. Greene, teaching,	450 00
Annie M. Downes, teaching,	500 00
Rubina S. Copeland, teaching,	500 00
Florence I. Abbott, teaching,	475 00
Margaret C. Donovan, teaching,	549 16
Jennie A. Birnie, teaching,	460 00
M. G. Carley, teaching,	450 00
F. M. Prevost, teaching,	447 34
J. G. Jackson, teaching,	216 00
D. M. Farnum, teaching,	450 62
Helen W. Battles, teaching,	500 00
<i>Amount carried forward,</i>	<u>\$12,606 38</u>

Appropriation, March 5th,	\$21500 00
<i>Amount brought forward,</i>	\$12,606 38
Grace Burnham, teaching,	255 00
Marion D. Paine, teaching,	390 30
Julia F. McCarthy, teaching,	195 00
Harriet W. Carter, teaching,	460 00
Eva A. Hardy, teaching,	360 00
Eva E. Stone, teaching,	205 20
S. M. Jordan, teaching,	400 00
Florence D. Durand, teaching,	40 00
Elizabeth Hoar, teaching,	502 18
Bertha S. Meacom, teaching,	255 00
A. Pleadwell, teaching,	500 00
P. L. Morrison, teaching,	370 85
Mrs. L. F. Goff, teaching,	40 00
G. B. Cutler, teaching,	33 54
A. S. Goff, teaching,	68 56
Flora M. Greenough, teaching,	112 50
F. Ash, teaching,	190 00
C. G. Hill, teaching,	180 00
M. E. Mulligan, teaching,	190 00
B. W. Keith, teaching,	170 00
B. A. Holt, teaching,	170 00
C. A. Kydd, teaching,	160 00
Grace E. Feeney, teaching,	136 80
Agnes Brigham, teaching,	124 56
M. Randall, teaching,	5 62
F. Berry, teaching,	1 28
Mary F. Brown, teaching,	1 12
L. W. Bodwell, janitor,	976 50
Orrell Ashton, janitor,	278 00
Alexander Dick, janitor,	261 63
Lewis M. Pierce, janitor,	106 33
Edward F. Abbott, janitor,	90 00
W. B. Hackett, janitor,	25 00
<i>Amount carried forward,</i>	\$19,861 35

Appropriation, March 5th,		\$21500 00
<i>Amount brought forward,</i>	\$19,861 35	
Rex Haggerty, janitor,	8 00	
Adelbert E. Robinson, janitor,	18 00	
Frank E. Robinson, janitor,	21 00	
Sarah Bourdelais, janitor,	25 00	
Eva Bourdelais, janitor,	11 00	
Guy F. Flint, janitor,	25 00	
Charles A. Craig, janitor,	5 00	
George D. L. Flint, janitor,	25 00	
Frank McGovern, janitor,	37 50	
H. M. Hayward, truant officer,	10 00	
Alexander Dick, truant officer,	50 00	
Mrs. C. H. Brownell, carrying children,	60 00	
Alexander Dick, taking census of children,	40 00	
Frank E. Gleason, coal and wood,	1362 73	
James S. Flint, wood,	25 00	
George F. Baker, wood,	56 00	
Shattuck Bros., wood,	5 00	
Clarence J. Way, wood,	29 50	
A. W. Baker, wood,	3 75	
Daniel McIntire, preparing wood,	9 00	
William H. Higgins, teams,	136 50	
George E. Johnson, sundries,	77 91	
Andover Electric Co., light,	3 00	
Tuttle's Express, carting,	6 85	
American Express Co., carting,	45	
Walter J. Kenyon, lecture,	10 00	
Alice T. Whitney, work on registers,	2 00	
Total expenditure,		\$21924 54
Overdrawn,		\$424 54

SCHOOL-HOUSES

Appropriation, March 5th, 1900,	\$2500 00
Supplies sold,	30 16
	<hr/> \$2530 16
Edward F. Abbott, grading and repairs,	\$ 30 63
F. G. Haynes & Co., supplies,	7 36
Alexander Dick, repairs,	33 40
John S. Dearborn, painting,	24 75
John Connolly, labor,	60 50
Abbott Erving, repairs,	7 50
L. W. Bodwell, cleaning and repairs,	262 61
Joshua H. Chandler, grading,	11 60
Andover Electric Co., light,	10 29
R. B. White, repairs,	225 18
A. W. Caldwell, repairs,	64 13
Anderson & Bowman, iron work,	1 80
Henry Harmon, repairs,	33 11
Henry McLawlin, supplies,	81 47
Ira Buxton, repairs,	9 35
William H. Tucker, grading,	20 41
W. J. Jones, stone work,	21 45
H. F. Chase, supplies,	3 45
T. A. Holt & Co., supplies,	34 38
W. F. Rutter & Co., masonry,	33 94
M. J. Stack, stone work,	109 99
Ira B. Hill, teams,	3 50
M. T. Walsh, furnace repairs,	8 45
Andover & Lawrence Express Co., carting,	1 75
William H. Welch & Co., furnaces,	434 16
Tyer Rubber Co., supplies,	11 82
Hayward Bros. & Wakefield Co., supplies,	50 16
Henry P. Noyes, supplies,	23 06
Frank E. Dodge, repairs,	24 90
<i>Amount carried forward,</i>	<hr/> \$1645 10

Appropriation, March 5th,		\$2530 16
<i>Amount brought forward,</i>	\$1645 10	
Tuttle's Express, carting,	4 55	
James Manly, labor,	2 50	
Andover Waterworks, water,	39 69	
George Saunders, repairs and supplies,	232 85	
U. S. Fire and Police Telegraph Co.,	30 00	
George L. Averill, grading,	23 00	
Lewis M. Pierce, repairs,	23 52	
J. E. Whiting, repairing clocks,	4 25	
Chandler Adjustable Chair and Desk		
Works, furniture,	98 80	
Hardy & Cole, repairs,	147 56	
W. H. Sylvester, repairs,	6 00	
Mrs. Hannah Fitzgerald, cleaning,	3 60	
Mrs. Joseph Bourdelais, cleaning,	3 00	
Allen F. Abbott, repairs,	60 95	
J. L. Hammett & Co., supplies,	70 65	
Eva A. Hardy, labor,	3 00	
George A. Dumont, cleaning,	5 00	
M. Steinert & Son Co., piano and tuning,	43 00	
Charles P. Rea, labor,	24 00	
James H. Kibbee,	6 85	
E. W. Noyes & Co.,	5 00	
Erwin C. Pike, supplies,	18 05	
John O. Colbath,	2 00	
Charles Ferguson, inspecting boilers,	4 00	
Tuttle & Morrison, iron work,	20	
A. P. Richardson, gravel,	2 50	
A. McDonald, repairs,	6 50	
John J. Donovan, repairs,	3 00	
John McCarthy, repairs,	3 75	
Total expenditure,		\$2522 87
Balance unexpended,		\$ 7 29

SCHOOL BOOKS AND SUPPLIES

Appropriation, March 5th, 1900,	\$1500 00
Andover Press,	\$ 87 15
George A. Higgins & Co.,	119 43
Tuttle's Express,	45 59
D. C. Heath & Co.,	91 61
Ginn & Company,	113 58
J. L. Hammett & Co.,	246 96
Rockwell & Churchill,	5 80
American Book Co.,	48 34
Edward E. Babb & Co.,	64 30
O. P. Chase,	22 63
Houghton, Mifflin & Co.,	81 43
Memorial Hall Library,	3 50
Silver, Burdette & Co.,	162 21
L. E. Knott Apparatus Co.,	2 15
Allen F. Abbott,	19 50
Merrimack Iron Foundry,	2 00
George E. Johnson,	7 50
J. H. Campion & Co.,	60
Ludlam Bros.,	2 15
American Express Co.,	6 35
R. B. White,	3 49
Educational Publishing Co.,	18 35
Felix F. Davis Duplicator Co.,	3 90
American Book Co.,	45 20
Grace D. Wright,	3 75
Rand, McNally & Co.,	33 00
National Educational Association,	4 75
Wright & Ditson,	2 50
<i>Amount carried forward,</i>	\$1247 72

Appropriation, March 5th,		\$1500 00
<i>Amount brought forward,</i>	\$1247 72	
Perry Mason & Co.,	1 56	
G. W. Colburn & Co.,	2 50	
Tileston & Livermore,	3 45	
Chandler & Barber,	1 22	
J. H. Horne & Sons,	3 50	
A. P. Richardson,	7 50	
Wadsworth, Howland & Co.,	38 69	
Marshall, Son & Co.,	1 05	
C. F. Hodge,	10 00	
Cornell Co. Operative Society,	90	
Eagle Pencil Co.,	30 75	
Arnold Roberts Co.,	5 00	
Sloyd Paper Co.,	11 45	
Henry McLawlin,	29 68	
DeWolfe, Fiske & Co.,	9 34	
Andover & Lawrence Express,	3 60	
W. S. Greenough & Co.,	2 73	
Boston School Supply Co.,	26 67	
Suffolk Ink Co.,	5 50	
Derby Desk Co.,	40 50	
W. B. Badger & Co.,	69	
George F. Perry & Co.,	18 50	
W. Jay Little,	3 14	
Atkinson & Mentzer,	12 50	
Leland Griggs,	5 00	
F. G. Barnard & Co.,	2 50	
F. S. Blanchard & Co.,	3 00	
Spalding Print Paper Co.,	60	
	<hr/>	
Total expenditure,		\$1529 24
Overdrawn,		<hr/> 29 24 <hr/>

HIGHWAYS AND BRIDGES

Appropriation March 5th, 1900,	\$3500 00
Amount received for work of horses on State Highway,	92 50
Amount received from Street sprinkling,	901 12
Street Railroad Tax,	1949 19
	<hr/> \$6442 81
John S. Dearborn, painting,	\$ 88 55
A. W. Caldwell, painting,	4 25
Greene & Woodlin,	12 00
Milo H. Gould,	13 50
Frank W. Livingston,	4 50
Smith & Dove Mfg. Co.,	1 00
W. F. Wheeler,	115 00
Tuttle & Morrison,	42 17
Erwin C. Pike,	4 23
James J. Abbott,	5 00
Andover & Lawrence Express,	2 05
Charles L. Davis,	32 40
Henry McLawlin,	80 13
A. P. Richardson,	30 25
Boston & Maine R. R.,	3 94
Dodge, Haley & Co.,	19 27
George Dumont,	13 75
Anderson & Bowman,	33 10
John McCarthy,	98 45
William H. Tucker,	51 47
Tyer Rubber Co.,	1 52
American Express Co.,	2 10
A. M. Bancroft,	9 00
Hardy & Cole,	453 28
Amount carried forward,	<hr/> \$1120 91

Appropriation. March 5th,		\$6442 81
<i>Amount brought forward,</i>	\$1120 91	
Treat Hardware & Supply Co.,	18 00	
A. McDonald,	16 76	
C. H. Newton,	1 50	
John W. Henderson,	4 50	
William Harnedy,	37 50	
Frank E. Gleason,	36 00	
Ira Buxton,	3 20	
J. Warren Mooar,	3 50	
Tuttle's Express,	2 50	
Michael O'Connors and others,	85 00	
Henry Cunningham,	17 08	
Ames Plow Co.,	20 00	
T. A. Holt & Co.,	40	
J. H. Leonard,	7 00	
Locke & Jones,	22 00	
Dennis Sweeney,	8 65	
Andover Water Works,	117 24	
Holt & Eames,	7 10	
Frank McCluskar,	299 63	
John O'Collins, labor,	231 00	
George Madden, labor,	255 25	
Joseph Bourdelais, labor,	105 00	
Elwyn Teague, labor,	125 22	
Patrick W. Conway, labor,	167 93	
Edward Daley, labor,	49 39	
William Caffrey, labor,	74 86	
Harry Nason, labor,	57 77	
William Leary, labor,	188 02	
George H. Soule, labor,	5 00	
John Leary, labor,	122 69	
John Madden, labor,	102 66	
Timothy Madden, labor,	188 40	
Samuel Levis, labor,	170 71	
<i>Amount carried forward,</i>	<hr/> \$3672 37	

Appropriation, March 5th,		\$6442 81
<i>Amount brought forward,</i>	\$3672 37	
Timothy C. Sullivan, labor,	159 24	
John Killacky, labor,	94 69	
Patrick Hodnett, labor,	192 50	
Lewis Belisle, labor,	118 77	
Owen Sullivan, labor,	84 58	
Turner H. Lord, labor,	269 34	
Harry Bordelais, labor,	53 66	
Fred M. Hill, labor,	13 50	
George D. Ward, labor,	228 00	
Joseph Shepherd, labor,	98 35	
Joseph Stanley, labor,	99 74	
Stephen A. Lovejoy, labor,	122 39	
John Sweeney, labor,	24 00	
William Harnedy, labor,	14 78	
Lewis Davis, labor,	48 80	
Michael Stack, labor,	8 50	
Daniel Walker, labor,	3 31	
John Schofield, labor,	3 50	
George Davis, labor,	3 50	
Patrick Madden, labor,	6 42	
Joshua Bailey, labor,	3 50	
Joseph Ducette, labor,	3 50	
Henry Provo, labor,	3 50	
Joseph T. Lovejoy, labor,	5 54	
Charles Connolly, labor,	1 75	
Charles Conway, labor,	1 75	
Daniel F. Harrington, labor,	4 25	
George Blood, labor,	55 00	
William Rea, labor,	10 50	
Edgar G. Wright, labor,	1 75	
Carruth Estate, labor,	14 00	
Joseph T. Lovejoy, on acct. of salary,	499 98	
Total expended,		\$5924 96
Balance unexpended,		\$517 85

Horses and Drivers

Appropriation March 5th, 1900,		\$3500 00
Smith & Manning, grain,	\$260 96	
Greene & Woodlin, grain,	73 85	
Frank M. Smith, care of horses,	720 00	
Frank E. Morse, care of horses,	600 00	
Edward W. Boutwell, hay,	110 15	
Frank E. Gleason, hay and straw,	133 98	
A. McDonald, wood and iron work,	43 78	
John Haggerty, care of horses,	601 25	
Arthur Bliss, medicine,	21 60	
Andover Electric Co., light,	18 10	
F. G. Haynes & Co., grain,	85 55	
H. M. Hayward, hay,	9 37	
Dennis Sweeney, iron work,	29 33	
Benjamin Brown, oil clothing,	4 00	
Andover & Lawrence Express,	50	
Burton Oil Co., supplies,	5 00	
Tuttle & Morrison, iron and wood work,	65 70	
N. H. Shattuck, harness,	47 70	
Henry McLawlin, supplies,	46 50	
Anderson & Bowman, iron work,	133 40	
J. H. Champion & Co., grain,	125 04	
C. N. Shattuck, harness,	1 70	
William H. Welch & Co., use of horse,	13 70	
Hardy & Cole, labor and stock,	6 80	
Ira Buxton, supplies,	1 95	
George W Blood, hay,	18 25	
A. P. Richardson, use of horses,	3 50	
D. G. Abbott, use of horse,	13 20	
A. A. Upton, hay,	32 30	
George H. Parker, medicine,	4 30	
J. F. Winchester, veterinary services,	151 50	
J. L. & H. Potter, supplies,	1 17	
T. A. Holt & Co., grain,	48 25	
<i>Amount carried forward,</i>	<hr/>	<hr/>
	\$3432 38	

Appropriation, March 5th,		\$3500 00
<i>Amount brought forward,</i>	\$3432 38	
W. H. Higgins, harness,	12 30	
E. M. & W. A. Allen, medicine,	11 55	
George L. Burnham, Supt., hay,	39 62	
Jerry Leary, labor,	17 00	
Total expenditure,		<hr/> \$3512 85
Overdrawn,		<hr/> \$ 12 85 <hr/>

Sidewalks

Appropriation, March 5th, 1900,	\$1000 00
Amount due from abutters, 1900,	477 06
Amount paid by abutters, 1900,	56 00
	<hr/>
	\$1533 06

NEW CONCRETING.

Bailey & Chase, concreting,	\$ 33 89
M. M. Chase, concreting,	1215 90
Henry C. Cunningham, concreting,	93 06
Smith & Bingham,	8 60
W. J. Jones, curbing,	9 50
John McCarthy, concreting,	3 00
	<hr/>
	\$1363 95

REPAIRS.

John Collins, labor,	47 50
T. H. Lord, labor,	16 22
George Madden, labor,	36 00
Elwyn Teague, labor,	14 00
Patrick Conway, labor,	14 00
William Caffrey, labor,	14 00
Timothy Madden, labor,	5 25
William Leary, labor,	14 00
John Leary, labor,	14 00
Patrick Hodnett, labor,	14 00
John Killacky, labor,	14 00
Stephen A. Lovejoy, labor,	5 25
Joseph Stanley, labor,	12 25
Lewis Belisle, labor,	7 00
Frank McCluskey, labor,	10 50
Bancroft T. Haynes, posts,	90
Timothy C. Sullivan, labor,	11 47
	<hr/>
	\$ 250 34
Total expenditure,	<hr/>
	\$1614 29

Snow

Appropriation, March 5th, 1900,		\$500 00
T. H. Lord, labor,	\$18 22	
Frank McCluskar, labor,	18 47	
Timothy Madden, labor,	11 47	
William Leary, labor,	11 47	
Samuel Lewis, labor,	11 47	
Timothy C. Sullivan, labor,	11 47	
Hiram Carter, labor,	6 61	
Geo. W. Chandler, labor,	12 35	
Edward S. Hardy, labor,	4 73	
William H. Carter, labor,	6 50	
James Hill, labor,	2 00	
George K. Dodge, labor,	1 50	
George McIntire, labor,	1 25	
Edward McIntire, labor,	1 25	
John F. Nuckley, labor,	1 50	
Joseph H. Nuckley, labor,	1 50	
F. Haggerty, labor,	1 50	
George Pillsbury, labor,	1 50	
H. E. Gould, labor,	15 00	
Joshua H. Chandler, labor,	4 93	
Henry C. Mitchell, labor,	12 86	
George Boutwell, labor,	4 08	
John Maddox, labor,	33 75	
Patrick Hodnett, labor,	1 36	
Stephen A. Lovejoy, labor,	2 50	
John L. Noyes, labor,	97	
Patrick Conway, labor,	7 00	
J. T. Lovejoy, on account of salary,	83 33	
Total expenditure,		<hr/> \$290 54
Balance unexpended,		<hr/> <hr/> \$209 46

Macadam

Appropriation, March 5th, 1900,	\$3000 00
Boston & Maine R. R., for macadam,	250 00
	<hr/>
	\$3250 00
A. J. Wellington, parts to crusher,	\$125 55
Samuel Smith, repairing crusher,	45 16
Good Roads Machinery Co., parts to crusher,	7 25
Mrs. H. L. White, stone,	16 95
W. F. Rutter Co., parts to engine,	24 30
Treat Hardware & Supply Co., supplies,	11 55
Fred Byron, castings,	1 95
Massachusetts Broken Stone Co., stone,	74 50
Underlay Oil Co., supplies,	24 10
J. H. Leonard, iron work,	21 02
Henry McLawlin, supplies,	18 94
Boston & Maine R. R., freight,	3 08
Erwin C. Pike, supplies,	5 63
A. P. Richardson, labor,	58 50
Timothy Madden, labor,	127 55
John Madden, labor,	146 98
George Madden, labor,	140 00
Owen Sullivan, labor,	1 75
Lewis Davis, labor,	26 64
John Collins, labor,	98 50
T. H. Lord, labor,	159 33
Elwyn Teague, labor,	64 55
Patrick Conway, labor,	51 72
Harry Nason, labor,	16 95
William Caffrey, labor,	70 58
William Leary, labor,	99 94
John Leary, labor,	132 21
Patrick Hodnett, labor,	53 86
John Killackey, labor,	79 52
Timothy C. Sullivan, labor,	122 59
	<hr/>
<i>Amount carried forward,</i>	\$1831 15

Appropriation, March 5th,		\$3250 00
<i>Amount brought forward,</i>	\$1831 15	
Samuel Lewis, labor,	163 31	
Joseph Stanley, labor,	46 66	
Joseph Shepherd, labor,	49 97	
Frank McClusker, labor,	149 14	
George H. Soule, labor,	62 74	
Frank Burke, labor,	11 47	
M. Donovan, labor,	1 75	
Fred Davis, labor,	50 34	
Michael Stack, labor,	12 75	
Thomas Madden, labor,	81 47	
George Ward, labor,	9 00	
W. French, labor,	9 00	
Michael Sullivan, labor,	1 75	
Patrick Mackavoy, labor,	8 75	
Stephen A. Lovejoy, labor,	141 35	
Joseph Bourdelais, labor,	94 00	
Lewis Belisle, labor,	60 86	
Ernest Daley, labor,	5 25	
George Buchan, labor,	27 66	
Harry Bourdelais, labor,	22 14	
Albert A. Hardy, labor,	72 00	
Reuben Webb, labor,	40 50	
Daniel Fitzpatrick, labor,	36 00	
Bartholomew Conlan, labor,	24 00	
Jacob Finberg, labor,	15 00	
John Holden, labor,	92 50	
Jerry Golden, labor,	46 28	
Patrick Murnane, labor,	32 47	
Frank Robinson, labor,	15 70	
Adelbert Robinson, labor,	8 00	
John L. Noyes, labor,	6 03	
John Maddox, labor,	22 50	
George Blood, labor,	20 00	
<i>Amount carried forward,</i>	\$3271 49	

Appropriation, March 5th,		\$3250 00
<i>Amount brought forward,</i>	\$3271 49	
D. G. Abbott, labor,	20 00	
Daniel Harrington, labor,	18 00	
Fred Hill, labor,	18 00	
Clarence Way, labor,	20 00	
Jessie Clark, labor,	20 00	
Edward Daley, labor,	8 75	
William H. Tucker, labor,	4 50	
Joseph T. Lovejoy, car fares,	1 10	
Joseph T. Lovejoy, on acct. of salary,	416 65	
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Total expenditure,		\$3798 49
		<hr/>
Overdrawn,		\$548 49
		<hr/> <hr/>

HIGHWAY SURVEYOR'S REPORT

To the Selectmen of the Town of Andover—

GENTLEMEN: I herewith present my report on Highways and Bridges.

During the months of January and February, when the town teams were not wanted to sand sidewalks, they filled up the hollow in front of the Robinson place, Union street, Frye Village. This was a dangerous place and required 648 loads of sand which we purchased of Charles Davis for five cents a load.

In March we graveled School street from Main street nearly to Abbott street. Andover street leading from Ballardvale was repaired. Opposite the Torr residence on Central street the hill was re-surfaced. The hollow on Woburn street was filled.

More or less repairs have been made on every street in town. The road machine has been run 44 days repairing over a mile a day. This work was done in Osgood, Bailey, Abbott, Scotland, Cape and North districts. The gutters had their usual spring cleaning. This refuse was put on the Richardson field.

The following streets have been macadamized: Union street, Frye Village, had 332 feet near the Robinson place. We laid 1402 feet from the river bridge on Main street to the Railroad bridge. This completes the macadam road on both Main street and Union street from the Railroad bridge to the Lawrence line. The approach to the Railroad bridge was paid for by the Boston & Maine R. R., price \$250. This amount has been received by the town treasurer.

Two hundred feet have been macadamized on Central street beginning at Shawsheen bridge and passing under the railroad bridge near Hartwell Abbott's, and extending both right and left.

Thirty-two hundred feet of macadam have been placed on the river road beginning at the foot of the hill near the fish brook, where we left off in 1895 and going west toward Lowell.

By vote of the town, the repairs on Chester street in Ballardvale were entrusted to my care. I cut down the hill, put in 175 feet of macadam, lowered the sidewalks and concreted the gutters. As far as I can learn, every owner of a team is satisfied with this work. This makes 5309 feet of macadam put in last year.

New gravel sidewalks have been built on the following streets: Summer, 671 feet, Main, 400 feet, Salem, 220 feet, Tewksbury, Ballardvale, 720 feet, Andover street, Ballardvale, 644 feet, making a little over a half mile.

The following sidewalks have been concreted: We began at William Wood's and laid 3422 feet towards town, connecting with that at Sweeney's corner at Pearson street, thus giving the citizens from Frye village a continuous walk to the Square. We concreted a sidewalk on Salem street, and laid 250 feet on Tewksbury street, Ballardvale, near Bancroft Haynes'. 400 feet of sidewalk were concreted on Phillips street, near Amos Blanchard's. A concrete crossing ten feet wide has been laid from Memorial Hall to the Post Office. Another crossing from the Musgrove building crosses Elm street to High street, and one was laid on School street across Morton street. The concrete gutters on Pearson, Main and Essex streets have been repaired.

The bridge near Hartwell Abbott's required new planking. When we got the plank up, we found the timbers so badly decayed, we were obliged to put in new ones. This we had made no calculation for in the appropriation and the expense was \$411.

The retaining wall on the river road known as Deer Jump, fell down. The expense of repairing would nearly re-build it. The road here was very narrow making it a dangerous

place. I consulted Mr. Boutwell and we decided that now was the time to make the road the proper width. We built a new wall 84 feet long, 4 feet thick, 40 feet of which was 16 1-2 feet deep. When filled in and finished the expense was a little over \$500.

The culvert at Frye village carrying the overflow from Hussey's Pond fell in at both ends. This had to be relaid and made longer. This cost \$170. Both of these pieces of work were unexpected and also expensive.

The bridge at Stevens' Mills was covered with two inch plank. New planking was put on the River street bridge in Ballardvale. Five culverts have been laid over on the Sylvester Lovejoy road near Haggetts Pond. Two catch basins were put in, one near the Musgrove building and one on High street. The people owning land on the west side of the culvert on School street have lowered the brook. This does away with the stagnant water at this place.

We put up and painted 850 feet of railing near Deer Jump. New rails have been put up near Sweeney's house on Main street, on Cogswell's hill, beside the brook near Mr. Baker's, and on the bank wall on Railroad street west of Mr. Pratt's.

The Hokey Pokey cart has been used between the Tyer Rubber Shop and the top of the hill on Main street, and its driver has kept Main street and its crossings clean. The streets in Ballardvale have been kept in excellent condition by Mr. Haggerty, with the pair of town horses kept there.

I built 3600 ft. of State Highway on the turn pike, beginning where we left off last year, and coming towards town as far as John Abbott's corner, doing this at the request of the selectmen.

Earnings of Town Horses

Those in my care.

Driven by

T. H. Lord,	275 days at \$3	\$825.00
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J. Haggerty,	249 days at \$3	747.00
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Those in care of selectmen.

Driven by

F. M. Smith,	57 days at \$3	171.00
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F. Morse,	57 days at \$3	171.00
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Total earnings,		<u>\$1914.00</u>
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Right here, gentlemen, perhaps it will not be out of place to say a word about the grade. For the last ten years at town meeting a certain citizen has made a statement something like this,—that the Highway Surveyors or those in charge of the streets have paid no attention to grade, bench marks, or the like, and have gone on burying the streets in gravel. I beg leave to differ from him in regard to this.

During my term of office, I have built two miles and a half of road for the State on Main Street, which certainly has been built to grade. I have also built several thousand feet on the same street graded exactly in the same manner as the State road.

Park street, from Punchard avenue to Bartlett street, was built to grade stakes driven by an engineer, as was Locke street, from School to Main street.

Morton street extension was built according to a plan drawn by R. A. Hale, as was also Railroad street. When we were building Railroad street, an objection was made by one member of the board of road commissioners. I got Mr. Hale to come over and after inspecting the work, he spoke to the board of selectmen (of whom Mr. Boutwell is the only surviving member) with these words, "Gentlemen, your commissioners have given you a better road than the plan called for."

Chester street in Ballardvale was built to grade, and lastly Avon street was laid out by an engineer. When the subgrade was finished, the engineer said it was the best subgrade he had ever seen. I merely say this to show that wherever I have done any permanent work, I have tried to do it for the best interests of the town.

In regard to graveled roads, I put on just as little as possible to crown the street and make the water flow into the gutters. When we consider that the gravel is always wearing out, and being pushed by the wheels and rain into the gutters, and that in just the one season of 1899 we took out over a thousand loads of this from the gutters, I fail to see where the town can lay out \$29,000, as stated by this citizen a short time since, to put the graveled roads into the condition called for by grade plans.

Respectfully submitted,

JOSEPH T. LOVEJOY,

Highway Surveyor.

TOWN OFFICERS

Appropriation, March 5th, 1900, \$6000 00

Clerk, Treasurer, Selectmen, Assessors,
Overseers of Poor :

A. Marland,	\$1000 00
George A. Parker,	400 00
Wm. G. Goldsmith,	550 00
Samuel H. Boutwell,	525 00
John S. Stark, part payment,	200 00

Registrars of Voters :

Henry McLawlin,	14 25
Joseph F. Cole,	23 00
John Davey,	24 75
A. Marland,	23 75
John F. Hurley,	7 50

Auditors of Accounts :

G. A. Higgins,	27 50
Chas. B. Jenkins,	27 50
W. Byron Morse,	5 00

Police :

Wm. L. Frye, chief,	587 00
Geo. W. Mears, night watchman,	720 00
Fred M. Hill, night watchman,	350 00
J. Warren Mooar, night watchman,	155 75
John Fallows, jr.,	86 50
Wm. H. Sleath,	18 50
James Holden,	9 25
Benjamin F. Upton,	5 00
John L. Morrison,	7 00
Fred A. Swanton,	26 75

<i>Amount carried forward,</i>	\$4794 00
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Appropriation, March 5th,		\$6000 00
<i>Amount brought forward,</i>	\$4794 00	
Wm. H. Carter,	102 35	
Michael T. Welch,	78 00	
Lucius F. Hitchcock,	15 00	
Thomas Peters,	8 00	
Newton Jaquith, jr.,	68 00	
John H. Clinton,	32 00	
Elmer H. Shattuck,	10 00	
Wm. H. Goff,	10 00	
Herbert L. White,	8 75	
Jere Cronin,	29 00	
Election Officers :		
Geo. A. Higgins and 17 others,	82 00	
Owen F. Caffrey and 7 others,	32 00	
Town Counsel :		
William Odlin, (in 1899 and half of 1900),	300 00	
Moderator :		
Geo. H. Poor,	10 00	
Teller :		
Barnett Rogers,	3 00	
Fire Wards :		
W. I. Morse and 19 others,	30 50	
“ “ “ “ 15 “	16 50	
“ “ “ “ 10 “	18 50	
Carl Hoffmann and 7 others,	4 50	
“ “ “ 12 “	4 00	
“ “ “ 12 “	3 75	
“ “ “ 15 “	21 25	
“ “ “ 13 “	11 25	
“ “ “ 13 “	18 75	
“ “ “ 11 “	6 75	
<i>Amount carried forward,</i>	<hr/> \$5717 85	

Appropriation, March 5th,		\$6000 00
<i>Amount brought forward,</i>	\$5717 85	
Carl Hoffmann and 8 others,	5 00	
“ “ “ 19 “	47 75	
“ “ “ 19 “	32 00	
“ “ “ 4 “	6 25	
“ “ “ 12 “	18 75	
“ “ “ 5 “	8 75	
“ “ “ 16 “	20 75	
“ “ “ 5 “	2 00	
George C. Dunnells and 10 others,	16 50	
“ “ “ “ 18 “	9 50	
“ “ “ “ 10 “	36 50	
“ “ “ “ 9 “	10 00	
“ “ “ “ 13 “	18 50	
Louis A. Dane,	2 50	
Anthony Ward,	8 75	
“ “ and 9 others,	10 75	
Geo. A. Rea,	2 75	
Wm. H. Tucker,	10 75	
Joshua H. Chandler,	3 00	
“ “ “ “ and 6 others,	4 50	
School Committee :		
L. A. Wilson,	6 05	
Total expenditure,		\$5999 15
Balance unexpended,		\$0 85

Town House

Appropriation, March 5th, 1900,		\$1500 00
Robert Bell, janitor,	360 00	
Hardy & Cole, labor and supplies,	52 03	
Henry McLawlin, supplies,	5 11	
Andover Electric Co., light, etc.,	192 06	
E. C. Pike, labor and supplies,	8 27	
A. W. Caldwell, setting glass,	5 35	
Frank E. Dodge, repairs,	35 95	
Smith & Manning, supplies,	5 90	
Frank E. Gleason, coal,	238 93	
George Saunders, plumbing, etc.,	2 60	
John McCarthy, labor and stock,	21 50	
J. E. Whiting, cleaning clock, etc.,	3 35	
Yawman and Erbe M'f'g. Co., metallic vault and fittings,	129 25	
Tuttle's Express, freight, etc., on vault,	75	
Ira Buxton, closet, etc.,	9 15	
Henry Cunningham, concreting,	23 33	
Estate of John H. Dean, repairing flag,	3 00	
The Talbot Co., supplies,	1 50	
R. B. White, labor,	3 70	
Total expenditure,		<hr/> 1101 73
Balance unexpended,		<hr/> <hr/> \$398 27

Fire Department

Appropriation, March 5th, 1900,		\$3500 00
Hardy & Cole, repairs,	\$222 74	
Geo. A. Mayer, 12 straps, etc.,	4 00	
Andover Electric Co., light,	68 15	
Henry McLawlin, supplies,	77 16	
Horace S. Neal, labor and supplies,	28 00	
Horace S. Neal, steward,	37 50	
F. G. Haynes & Co., supplies,	4 52	
Allan Simpson, engineer,	35 00	
Allan Simpson, supplies,	2 87	
Andrew McTernen, engineer,	35 00	
Walter I. Morse, clerk, pay roll,	415 80	
Carl Hoffman, clerk, pay roll,	235 00	
Geo. D. Lawson, engineer and clerk,	50 00	
Lewis T. Hardy, chief,	125 00	
John Harnden, engineer,	125 00	
Wm H. McTernen, janitor,	192 00	
Louis A. Dane, engineer,	35 00	
Wm. H. Higgins, teams,	14 75	
American Express Co.,	45	
E. C. Pike, labor and supplies,	28 82	
Frank E. Gleason, coal and wood,	176 55	
C. N. Perkins & Co., supplies,	173 75	
The Andover Press, printing, etc.,	19 50	
Smith & Manning, supplies,	11 84	
Tuttle's Express,	25 01	
Greene & Woodlin, supplies,	11 28	
Tyer Rubber Co., blowing whistle, etc.,	54 91	
J. H. Campion & Co., supplies,	1 99	
Combination Ladder Co., wall and roof ladders,	84 00	
Tuttle & Morrison, repairs,	165 22	
Frank E. Dodge, labor and stock,	58 29	
<i>Amount carried forward,</i>	<hr/>	\$2519 10

Appropriation, March 5th,		\$3500 00
<i>Amount brought forward,</i>	\$2519 10	
D. Donovan & Son, labor and stock,	13 88	
Geo. Saunders, labor and supplies,	299 09	
A. H. Hill, supplies,	6 67	
Fred. Gould, wood,	1 25	
Lawrence Elec. Supply Co., battery, etc.,	42 55	
Geo. A. Mayer and 3 others, extra labor,	15 50	
N. H. Shattuck, supplies,	3 90	
Smith & Dove Mfg. Co., labor and supplies,	6 16	
Boston Belting Co., 200 ft. hose,	110 00	
W. P. Jenkins, services,	5 00	
B. F. Nason, labor,	2 50	
Henry K. Barnes, 200 ft. hose,	120 00	
John H. Leonard, labor and stock,	2 50	
Boston Woven Hose & Rubber Co., 200 ft. hose, etc.	204 20	
George Lawrence, labor,	12 25	
Thomas Lawrence, labor,	3 50	
Ira Buxton, labor,	1 15	
C. A. Morse and 3 others, substitutes, etc.,	7 50	
Cornelius Callahan Co., pipe and 2 nozzles,	54 91	
W. I. Morse and 7 others, extra fire duty,	7 00	
Miller Smoke Protector Co., 3 protectors and express.	15 35	
American Electrical Works, 460 lbs. blue vitriol,	27 60	
J. W. Stark, supplies,	4 91	
Anderson & Bowman, work on hose wagon,	2 00	
John Davey, work on hose wagon,	1 00	
Boston & Maine R. R., freight,	75	
Frank H. E. Kendall, labor,	2 00	
N. E. Tel. & Tel. Co.,	5 91	
Total expenditures,		\$3498 13
Balance unexpended,		\$ 1 87

Fire Alarm, Maintenance

Appropriation, March 5th, 1900,		\$300 00
Andover & Lawrence Express,	\$1 65	
W. E. Decrow, labor and supplies,	11 71	
Lawrence Electrical Supply Co., battery		
copper, etc.,	6 00	
Louis A. Dane, superintendent, etc.,	54 20	
Louis A. Dane, labor and supplies,	22 80	
Wm. H. Higgins, teams,	29 00	
Henry McLawlin, supplies,	5 20	
Tuttle's Express,	1 48	
U. S. Fire and Police Tel. Co., inspecting		
fire alarm,	15 00	
Ira Buxton, labor and supplies,	75	
American Express Co.,	3 60	
C. N. Perkins & Co., supplies,	22 30	
W. H. Coleman, switch board and lightning		
arrester,	27 90	
Smith & Dove Mfg. Co., work on switch		
board, etc.,	6 50	
Boston & Maine R. R., freight,	60	
Horace C. Bodwell, labor,	2 00	
Andover Press, printing,	2 50	
		<hr/>
Total expenditure,		\$213 19
Balance unexpended,		<hr/>
		\$ 86 81
		<hr/>

Park Commission

Appropriation, March 5th, 1900,		\$500 00
Charles P. Rea, teaming,	\$ 9 25	
Henry Provo, 52 days, 2 1-2 hours,	91 82	
Henry McLawlin, tools,	1 85	
D. Donovan & Son, painting ladder,	1 00	
Henry W. Symonds, 9 days, 8 hours,	17 29	
J. J. Abbott, use of horse,	2 25	
Albert Chadwick, use of horse, etc.,	5 61	
Charles L. Carter, use of horse, etc,	4 50	
H. F. Chase, filing saws, etc,	1 60	
Dennis Sweeney, sharpening picks, etc,	40	
M. J. Stack, grading at Carmel Woods,	250 00	
M. J. Stack, stone steps in Carmel Woods,	9 00	
C. S. Wright, 7 days,	10 25	
Ira Buxton, labor and supplies,	55	
George D. Millett, 200 honeysuckles,	18 00	
Tuttle's Express,	1 25	
Total expenditure,		<u>\$424 62</u>
Balance unexpended,		<u><u>\$ 75 38</u></u>

Care of Public Dump

Appropriation, March 5th, 1900,		\$50 00
Henry Provo, labor,	\$27 00	
Albert Chadwick, labor,	5 80	
Total expenditure,		<u>\$32 80</u>
Balance unexpended,		<u><u>\$17 20</u></u>

Street Lighting

Appropriation, March 5th, 1900,		\$4200 00
W. H. Coleman, Treasurer,	\$4160 51	
Total expenditure,		<u>\$4160 51</u>
Balance unexpended,		<u><u>39 49</u></u>

Spring Grove Cemetery

Appropriation, March 5th, 1900,		\$300 00
Sale of lots, etc.,		275 00
		<hr/>
		\$575 00
W. H. Higgins, teams,	4 00	
Philip Allicon, labor,	173 05	
T. Connell, labor,	181 29	
H. McLawlin, supplies,	13 05	
George W. Foster, deeds and recording,	13 50	
O. W. Vennard, superintendent, etc.,	110 50	
Smith & Manning, fertilizer, etc.,	22 34	
Geo. D. Millett, plants,	10 00	
Andover Press, printing, etc,	9 50	
Charles O. Hemenway, labor,	37 50	
D. Donovan & Son, painting, etc.,	3 73	
Charles Latroverse, labor,	34 50	
Francis H. Foster, plan, etc.,	6 00	
	<hr/>	
Total expenditure,		\$618 96
		<hr/>
Overdrawn,		\$43 96
		<hr/>

Memorial Day

Appropriation, March 5th, 1900,		\$200 00
B. Cummings, Quartermaster, Post 99,		
G. A. R.,	\$200 00	
	<hr/>	
Total expenditure,		\$200 00
		<hr/>

Hay Scales

Appropriation, March 5th, 1900,		\$50 00
E. R. Eastman services,	25 00	
	<hr/>	
Total expenditure,		\$25 00
		<hr/>
Balance unexpended,		\$25 00
		<hr/>

Printing and Stationery

Appropriation, March 5th, 1900,		\$1500 00
Wm. A. Carrie & Co., Lith. checks,	\$35 50	
George A. Parker, postage stamps,	4 00	
Andover Press, printing,	820 95	
Henry M. Meek, birth return blanks,	1 63	
George A. Higgins & Co., supplies,	44 19	
A. W. Brownell, dog license blanks,	2 50	
Bufford Sons Engraving and Lith. Co.		
sewer bonds,	37 50	
Thos. Groom & Co., tax book,	2 00	
Arthur Bliss, P.M., stamped envelopes,	84 80	
A. Marland, postage stamps,	12 50	
Carter Ink Co., record ink,	2 20	
Samuel Hobbs & Co., poor blanks,	3 45	
A. B. Haley, paper fastener,	2 50	
Harris M. Dolbearer, blank forms,	2 07	
Greylock Pen Co., pens,	2 50	
F. S. Blanchard & Co., Mass. Year Book,	3 00	
S. Clara Taylor, carbon sheets,	2 00	
Total expenditure,		<u>\$1063 29</u>
Balance unexpended,		<u><u>\$436 71</u></u>

Brick Yard Place

Appropriation, March 5th, 1900,		\$1200 00
Thos. F. Pratt,	\$1200 00	
Total expenditure,		<u><u>\$1200 00</u></u>

Readjustment of Street Grades (Expenses)

Appropriation, March 5th, 1900,		\$200 00
Board of Public Works,	\$200 00	
Total expenditure,		<u><u>\$200 00</u></u>

Tree Warden

Appropriation, March 5th, 1900,		\$500 00
Cash for trimming trees,		18 75
		<hr/> 518 75
G. A. Leighton, 54 days.	\$ 94 89	
Oscar A. Hubbard, 87 3-4 days,	264 34	
Charles P. Rea, teaming,	13 68	
P. B. Follansbee & Son, 96 Maple trees,	58 40	
Henry Symonds, 1 day,	1 75	
C. S. Wright, 23 4-9 days,	41 03	
Ira Buxton, sharpening saws, etc.,	4 85	
Henry McLawlin, tools,	12 57	
Tuttle & Morrison, labor,	1 30	
Henry Prove, 9 7-9 days,	17 11	
Joseph Shepherd, 4 1-2 hours,	90	
J. Leary, use of horse,	1 50	
		<hr/>
Total expenditure,		\$512 32
Balance unexpended,		<hr/> \$6 43

State Highway (Contract)

Balance unexpended,	\$ 68 09
Received from State Treasurer,	3586 03
	<hr/> \$3654 12
T. H. Lord and others and town horses,	
labor,	\$1280 22
Locke & Jones, stone,	119 30
Henry McLawlin, tools, etc.,	44 37
Henry E Gould and others and town	
horses, labor,	916 87
Boston & Maine R. R., freight,	3 00
Adams and Daw, crushing stone and use	
of steam drill,	1130 94
John McCarthy, labor and cement,	182 70
	<hr/>
<i>Amount carried forward,</i>	\$3677 40

Contract forward,		\$3654 12
<i>Amount brought forward,</i>	\$3677 40	
Smith & Manning, grass seed,	1 00	
A. W. Baker, 5 cords of wood,	13 75	
Wm. H. Carter, 128 loads of stone,	25 60	
Wm. H. Carter, labor and supplies,	16 75	
Mrs. Sarah M. Hutchinson, 229 loads of stone,	45 80	
Treat Hardware & Supply Co., stone hammer,	1 92	
George H. Sampson, forcite, etc.,	96 36	
Board of Public Works, Akron pipe,	55 50	
A. Bryant & Son, stone hammer,	3 52	
D. W. McIntire, use of water,	10 00	
Samuel Thomes, 28 loads of stone,	5 60	
Fred Gould, labor,	1 19	
Joseph T. Lovejoy, services,	100 00	
F. G. Haynes & Co., supplies,	3 13	
E. C. Pike, supplies,	1 08	
Hardy & Cole, cement,	7 10	
Tuttle & Morrison, sharpening drills,	20	
Lawrence Gas Co., 5 lengths pipe,	165 00	
Ira Buxton, sealing scales,	1 75	
Total expenditure,		<hr/> \$4232 65
Overdrawn,		<hr/> <hr/> \$578 53

Sinking Fund

Appropriation, March 5th, 1900, Sinking Fund,		\$750 00
Appropriation, March 5th, 1900, Sinking Fund, Memorial Hall Notes,		300 00
		<hr/> \$1050 00
Geo. A. Parker, Town Treasurer,	\$1050 00	
Total expenditure,		<hr/> <hr/> \$1050 00

Board of Public Work, Maintenance

Appropriation, March 5th, 1900,	\$6000 00
George A. Parker, Town Treasurer,	\$6000 00
Total expenditure,	<u>\$6000 00</u>

Board of Public Works, Construction

Appropriation, March 5th, 1900,	\$1000 00
George A. Parker, Town Treasurer,	\$1000 00
Total expenditure,	<u>\$1000 00</u>

Abatement of Taxes

Appropriation, March 5th, 1900,	\$1000 00
S. F. E. Company, No. 1, poll-taxes,	\$ 38 00
S. F. E. Company, No. 2, poll-taxes,	24 00
Abraham Marland, Collector,	1000 00
Total expenditure,	<u>\$1062 00</u>
Overdrawn,	<u>\$ 62 00</u>

State Tax

Appropriation, March 5th, 1900,	\$4000 00
Geo. A. Parker, Town Treasurer,	\$3753 06
Total Expenditure,	<u>\$3753 06</u>
Balance unexpended,	<u>\$ 246 94</u>

County Tax

Appropriation, March 5th,	\$4000 00
E. K. Jenkins, County Treasurer,	\$4393 29
Total expenditure,	<u>\$4393 29</u>
Overdrawn,	<u>\$ 393 29</u>

Dog Tax

Received from County Treasurer,	\$557 50
Frederic S. Boutwell, Treas. Memorial Hall,	\$557 50
Total expenditure,	<u>\$557 50</u>

Interest on Bonds, Funds and Notes

Appropriation, March 5th, 1900,	\$14000 00
Repaid on acct. of Interest on Sewer Bonds,	2125 00
	<u>\$16125 00</u>
Andover National Bank,	\$1926 61
Memorial Hall Notes,	1400 00
Andover Savings Bank,	340 00
Newton Jaquith,	360 00
Andover Water Bonds,	6525 00
Andover Sewer Bonds,	1600 00
Total expenditure,	<u>\$12151 61</u>
Balance unexpended,	<u>\$3973 39</u>

Redemption of Bonds

Appropriation, Voted Oct. 21, 1899,	\$5000 00
George A. Parker, Town Treasurer,	\$5000 00
Total expenditure,	<u>\$5000 00</u>

Sewer Loan

Appropriation March 5th, 1900,	\$3000
Andover National Bank, (Note No. 88),	\$3000
Total expenditure,	<u>\$3000</u>

Park Loan

Appropriation, March 5th, 1900,	\$1700
Andover Savings Bank, (Note No. 98),	\$1700
Total expenditure,	<u>\$1700</u>

Notes Paid

1900, May 14,	No. 97,	\$23000 00
10,	No. 103,	6000 00
	No. 104,	29000 00
	No. 105,	10000 00
	No. 107,	11000 00
	No. 108,	3000 00
	No. 109,	8000 00
	No. 110,	5000 00
1901, Jan. 14,	No. 106,	3000 00
	No. 111,	29000 00
	No. 112,	5000 00
Total,		<u>\$132000 00</u>

Notes Given.

1900, Mar. 12,	No. 103, Paid	\$6000 00
Apr. 9,	No. 104, Paid	29000 00
May 1,	No. 105, Paid	10000 00
May 19,	No. 106, Paid	3000 00
June 2,	No. 107, Paid	11000 00
June 11,	No. 108, Paid	3000 00
July 9,	No. 109, Paid	8000 00
Aug. 13,	No. 110, Paid	5000 00
Nov. 9,	No. 111, Paid	29000 00
Nov. 13,	No. 112, Paid	5000 00
1901, Jan. 14,	No. 113, due in 1901,	26000 00
Total,		<u>\$135000 00</u>

MEMORANDUM—Also two Memorial Hall Notes held against the town, one dated May 3, 1871, for \$20000; one dated May 5, 1890, for \$5000, and four Park Loan Notes each for \$1700, and Note No. 96, for \$9000.

Insurance Account

Appropriation, March 5th, 1900,		\$600 00
Joseph A Smart, agent,	\$600 00	
Total expenditure,		<u>\$600 00</u>

Markers for Graves of Revolutionary Soldiers and Sailors

Appropriation, March 5th, 1900,		\$50 00
Phoebe Foxcroft Phillips Chapter D. R.,	\$50 00	
Total expenditure,		<u>\$50 00</u>

State Aid

Appropriation, March 5th, 1900,		\$1600 00
Robert Bell,	\$48 00	
Lucy M. Buxton,	24 00	
Elizabeth R. Carter,	48 00	
Betsey J. Cheever,	48 00	
Samuel Cheever,	48 00	
Malachi Clinton,	4 00	
Ellen Craig,	48 00	
Sarah M. Clark,	48 00	
Brainard Cummings,	16 00	
Elmore Dane,	54 00	
Augustus M. Davis,	48 00	
Rhoda Davis,	48 00	
Marian Davis,	48 00	
Theodore A. Gibbs,	15 00	
Phoebe Greene,	48 00	
William S. Hodgman,	72 00	
Miriam C. Haskell,	4 00	
Olive J. Holt,	48 00	
Ann Hunter,	48 00	
Susan M. Holt,	48 00	
<i>Amount carried forward,</i>	<u>\$813 00</u>	

Appropriation, March 5th,		\$1600 00
<i>Amount brought forward,</i>	\$813 00	
Lizzie A. Johnson,	48 00	
William Kelley,	25 00	
John McKenzie,	28 00	
Bridget McCullough,	48 00	
Sarah McGunness,	48 00	
James McDonald,	48 00	
John McCarthy,	48 00	
Sarah Mears,	48 00	
Margaret Morrow,	48 00	
William B. Morse,	41 00	
John P. Morgan,	41 00	
Edward Newcomb,	36 00	
Sarah E. Noyes,	12 00	
Charles A. Orcutt,	60 00	
Bridget Pasho,	48 00	
Edward D. Pearson,	48 00	
Martha Russell,	48 00	
Etta Simonds,	28 00	
Nancy M. Travis,	48 00	
Total expenditure,	<hr/>	\$1612 00
Overdrawn,		<hr/> \$ 12 00 <hr/>

The State Aid is paid to disabled soldiers— (and their wives) — and soldiers' widows who draw pensions from the U. S. Government. It is paid only upon the approval of the Commissioners of State Aid. The whole amount is repaid to the Town by the State.

Military Aid

Appropriation, March 5th,		\$250 00
Joseph G. Nolan,	\$106 00	
Charles D. Woodbridge,	96 00	
Nathan H. Gray,	60 00	
	<hr/>	
Total expenditure,		\$262 00
		<hr/>
Overdrawn,		\$ 12 00
		<hr/> <hr/>

The Military Aid is paid to disabled soldiers who do not draw pensions. It is paid only upon the approval of the Commissioners of State Aid. One-half of the amount is repaid to the Town by the State.

Miscellaneous

Appropriation, March 5th, 1900,		\$1500 00
W. H. Higgins, teams for registrars,	\$6 00	
John A. Riley, attendance on registrars,	1 50	
W. H. Higgins, teams for police,	106 00	
Ira. B. Hill, teams for police,	33 50	
J. J. Adams, teams for police,	2 00	
Smith & Manning, blankets for lockup,	3 75	
Estate of J. H. Dean, police uniform,	25 00	
Oak Hall Clothing Co., police uniform,	25 00	
Wm. L. Frye, police buttons, etc.,	3 15	
Wm. L. Frye, telegrams, feeding prisoners, etc.,	8 61	
Henry McLawlin, handcuffs, etc.,	22 47	
W. H. Higgins, stabling horses, etc., for selectmen,	61 00	
Lawson & Hubbard, police cap,	3 00	
T. Murphy, meals for selectmen,	1 20	
O. Chapman, meals for selectmen,	1 25	
A. H. L. Bemis, meals for selectmen,	10 20	
G. J. M. Bemis, meals for selectmen,	41 45	
Wm. G. Goldsmith, perambulating town lines,	15 00	
Joseph P. Nolan, inspecting plumbing for Board of Health,	182 00	
H. K. Mulford Co., formaldehyde for Board of Health,	29 00	
C. H. Goldthwaite & Co., supplies for Board of Health,	48 10	
B. O. & G. C. Wilson, supplies for Board of Health,	2 60	
Joshua Milner, fumigating, etc., for Board of Health,	124 49	
Boston Daily Advertiser, advertising for Board of Public Works,	12 38	
<i>Amount carried forward,</i>	<hr/>	\$768 65

Appropriated, March 5th,	\$1500 00
<i>Amount brought forward,</i>	\$768 65
Felix G. Haynes, railroad fares in 1899,	
Board of Public Works,	15 00
A. P. Richardson, teams for Fire Dept.,	5 00
Town of North Andover, bay horse for	
Fire Dept.,	200 00
W. H. Higgins, teams for truant officer,	
School Board,	3 50
Essex County Truant School, for George	
Carroll, School Board,	13 00
J. F. Richards, M.D., returning births,	3 00
J. A. Leitch, M.D., returning births,	6 00
J. P. Torrey, M.D., returning births,	3 50
C. H. Shattuck, M.D., returning births,	1 75
Geo. P. Dunham, M.D. returning births,	25
Charles E. Abbott, M. D., vaccinating	
school children,	65 00
John W. Stark, transporting ballots,	3 00
F. W. R. Emery, preserving ancient	
records,	98 50
C. H. Newton, cattle inspector,	248 00
American Express Co.,	2 05
John Kimball, Agent, 50 ride tickets	17 25
B. O'Connor, for B. & M. R.R., 50 ride	
tickets,	17 25
Commonwealth of Massachusetts, penalty,	27 00
Allen F. Abbott, labor on voting booths,	4 20
Geo. A. Parker, recording deed,	1 30
Louise E. Hardy, type writing,	1 50
F. A. Andrews, distributing license	
ballots,	1 00
John Henderson, distributing license	
ballots,	1 00
Henry Boynton, witness fees,	2 00
<i>Amount carried forward,</i>	\$1508 70

Appropriated, March 5th,		\$1500 00
<i>Amount brought forward,</i>	\$1508 70	
Commonwealth of Massachusetts, count-		
ing apparatus,	5 00	
N. E. Tel. & Tel. Co.,	22 38	
Town of Peabody, list of stockholders,	4 50	
N. Jaquith, burying dogs, etc.,	4 00	
G. J. M. Bemis, meals for precinct		
officers,	5 25	
J. E. Pitman, damages for defect in high-		
way,	7 75	
Total expenditure,		\$1557 58
Overdrawn,		\$ 57 58

Summary of Appropriations and Receipts

Abatement of Taxes,	\$ 1000 00
County Tax,	4000 00
Fire Alarm,	300 00
Fire Department, Running Expenses,	3500 00
Hay Scales,	50 00
Highways and Bridges, Repairs on	6442 81
Horses and Drivers,	3500 00
Insurance,	600 00
Interest on Notes, Funds, and Bonds,	16125 00
Macadamized Roads,	3250 00
Memorial Day,	200 00
Military Aid,	250 00
Miscellaneous,	1500 00
Park Commission,	500 00
Printing and Stationery,	1500 00
Public Dump,	50 00
Redemption of Bonds,	5000 00
Removing Snow,	500 00
Schools,	21500 00
School-Books and Supplies,	1500 00
School-Houses,	2530 16
Sidewalks,	1533 06
Spring Grove Cemetery,	575 00
State Aid,	1600 00
State Highway Contract,	3654 12
State Tax,	4000 00
Street Lighting,	4200 00
Town House,	1500 00
Town Officers,	6000 00
Public Works Maintenance,	6000 00
Tree Warden,	518 75
Public Works—Construction,	1000 00
Sewer Loan,	3000 00
Park Loan,	700 00

Summary of Selectmen's Orders

Abatement of Taxes,	\$ 1062 00
County Tax,	4393 29
Fire Alarm,	213 19
Fire Department,	3498 13
Hay Scales,	25 00
Highways and Bridges,	5924 96
Horses and Drivers,	3512 85
Insurance,	600 00
Interest on Notes, Funds and Bonds,	12151 61
Macadamized Roads,	3798 49
Memorial Day,	200 00
Military Aid,	262 00
Miscellaneous,	1557 58
Park Commission,	424 62
Printing and Stationery,	1063 29
Public Dump,	32 80
Redemption of Bonds,	5000 00
Removing Snow,	290 54
Schools,	21924 54
School-books and School supplies,	1529 24
School-houses,	2522 87
Sidewalks,	1614 29
Spring Grove Cemetery,	618 96
State Aid,	1612 00
State Highway Contract,	4232 65
State Tax,	3753 06
Street Lighting,	4160 51
Town House,	1101 73
Town Officers,	5999 15
Public Works, Maintenance,	6000 00
Tree Warden,	512 32
Public Works Construction,	1000 00
Sewer Loan,	3000 00
Park Loan,	1700 00

SCHEDULE OF TOWN PROPERTY

Town House, fixtures, and furniture,	\$ 22000 00
Land,	4000 00
School-house property,	114500 00
Punchard School Fund,	75200 00
Memorial Hall and Land,	28500 00
Memorial Hall, permanent Fund,	20000 00
Memorial Hall Library, John Byers Fund,	5000 00
Memorial Hall Library and Furniture,	9000 00
Town Farm and buildings,	13200 00
Personal property at Town Farm,	3775 00
Two Engine-houses and Shed,	16000 00
One Steam Fire-engine and apparatus,	2000 00
One Hand-engine and apparatus,	200 00
Two Hook and Ladder Trucks,	1650 00
Three Hose Wagons,	800 00
Eight Horses and Harnesses,	800 00
Stone Breakers and Engine,	3200 00
Carts, Harnesses, and Tools,	500 00
Board of Public Works Property,	331000 00
Indian Ridge Land,	4000 00
Spring Grove Cemetery and Receiving Tomb,	7000 00
Hay Scales,	350 00
Safes in Town House,	700 00
Weights and Measures,	325 00
Total,	<u><u>\$663,700 00</u></u>

OVERSEERS OF POOR

We consider ourselves fortunate in still retaining the services of Mr. and Mrs. Burnham. The house is in first class condition. As you will see by the report on Page 76, a large proportion of the inmates are old people who require considerable attention. Mrs. Burnham seems specially adapted to care for the old ladies under her charge. Those unfortunate people seem happy and contented and look on Mrs. Burnham as their best friend. Under Mr. Burnham's management the farm still shows a marked improvement. The receipts of the farm are \$2712.56. The State Inspector's report classes the management and care of the inmates one of the best in the state. The inmates are well clothed and fed, and with Mr. Burnham's good management of the farm, the expense is only \$1.63 per week for each inmate.

We invite the people of the town, both men and women, to visit the Almshouse and note its condition and the provision made for the care and comfort of the inmates.

Almshouse Expenses

Appropriation, Mar. 5, 1900,		\$5000 00
George L. Burnham, superintendent,	\$700 00	
Nora Bowler, labor,	234 00	
James Hurney, labor,	82 50	
John Maroney, labor,	4 38	
James F. Conlon, labor,	160 00	
John Berdiga, labor,	3 20	
James Deveau, labor,	3 20	
M. M. Haggerty, labor,	30 00	
Mollie Spofford, sewing,	16 50	
John W. Flemming, cows,	130 00	
Smith & Manning, groceries,	522 74	
<i>Amount carried forward,</i>	<i>\$1886 52</i>	

Appropriation, March 5th,		\$5000 00
<i>Amount brought forward,</i>	\$1886 52	
E. W. Pierce, grain,	514 33	
T. A. Holt & Co., groceries,	553 86	
Henry McLawlin, hardware,	84 92	
Boston & Maine R. R., freight,	11 00	
McDonald & Hanaford, harness work,	12 00	
J. P. Wakefield, provisions,	239 18	
Valpey Bros., provisions,	208 49	
Tuttle & Morrison, wagon work and horse shoeing,	58 50	
Benjamin Brown, shoes,	45 25	
N. H. Shattuck, harness,	1 15	
New Eng. Tel. & Tel. Co., telephone service,	58 65	
Beach Soap Co., soap,	17 20	
J. L. Fuller, manure,	25 87	
J. H. Campion & Co., groceries,	22 29	
Mills Mfg. Co., hot bed sash,	5 40	
Daniel F. Donovan, cows,	215 00	
Swift & Co., provisions,	6 50	
F. E. Gleason, straw and manure,	41 20	
F. E. Gleason, coal,	233 37	
J. T. Lovejoy, cow,	35 00	
H. P. Noyes, furniture,	48 25	
Anderson & Bowman, blacksmith work,	21 00	
F. A. Warren, clothing,	32 25	
J. F. Winchester, D. V. S., services,	9 90	
T. J. Farmer, fish,	79 27	
Briggs & Allyn Mfg. Co., hot bed sash,	12 00	
C. A. Jameson, killing hogs,	8 75	
J. W. Barnard & Son, shoes,	7 65	
M. E. Austin & Co., seeds,	14 86	
J. E. Whiting, repairing clock,	1 65	
F. Putnam & Co., potatoes,	19 05	
<i>Amount carried forward,</i>	\$4530 31	

Appropriation, March 5th,		\$5000 00
<i>Amount carried forward,</i>	\$4530 31	
G. L. Burnham, supt., shrubs,	11 00	
A. F. Bennett, fire extinguisher,	15 00	
Dr. C. E. Abbott, elastic bandage,	3 00	
Mrs. A. M. Woodbridge, plants,	4 00	
Hardy Bros., rye straw,	2 00	
Mrs. Emma J. Burnham, extra services,	100 00	
F. P. Higgins, bread,	55 83	
Frank E. Dodge, mason work,	8 85	
L. H. Boutwell, cabbage plants,	5 00	
Reid & Hughes, dry goods,	114 31	
Dr. A. W. Baker, services,	2 00	
O. P. Chase, papers and stationery,	13 65	
E. C. Pike, supplies,	38 62	
Hardy & Cole, carpenter work,	63 80	
L. H. Eames, provisions,	19 07	
Daniel A. Carleton, cows,	40 00	
Wm. H. Higgins, harness work,	10 05	
Fred. P. Berry & Co., furniture,	8 10	
Oakdale Mfg. Co., groceries,	7 80	
Bowman & Vaughn, groceries,	16 30	
George F. Cheever, shoes,	36 80	
Edward Adams, sawdust,	4 00	
J. Reynolds & Son, making cider,	6 28	
George L. Burnham, car fares and ex- penses,	17 00	
George A. Higgins & Co., bread,	1 68	
George L. Fuller, M. D. V., services,	8 35	
Brooks F. Holt, ice,	58 25	
Arthur Bliss, medicine,	48 70	
George L. Averill, fertilizer,	29 00	
Total expenditure,		\$5278 75
Overdrawn,		\$ 278 75

Repairs on Almshouse

Appropriation, Mar. 5, 1900,		\$300 00
Hardy & Cole, labor and stock,	\$217 46	
Ira Buxton, labor and stock,	95	
Tuttle & Morrison, labor and stock,	21 79	
Erwin C. Pike, labor and stock,	9 64	
Frank E. Dodge, labor and stock,	34 34	
Henry McLawlin, hardware,	15 82	
Total expenditure,		<u>\$300 00</u>

Relief Out of Almshouse

Appropriation, March 5th, 1900,		\$6000 00
John D. Lynch,	\$140 00	
Mrs. Julia Cotter,	3 00	
Mrs. Holland,	154 38	
Mrs. Ellen Connors,	175 25	
Mrs. Jessie Baxter,	112 00	
Mrs. Eliza Flemming,	138 85	
Mrs. McCready,	138 30	
Mrs. Mary Comber,	157 50	
Mrs. Wm. B. Osgood,	74 00	
Mrs. Mary Fenlason,	5 00	
Ann Ahearne,	48 00	
Mrs. Annie Warden,	48 00	
Mrs. Jane Cronin,	120 00	
Mrs. Rose Morrison,	46 28	
Mrs. Thomas Wilkie,	129 39	
Fannie White,	22 00	
Henry Beverstock,	62 50	
Robert S. Hill,	35 00	
F. A. Dinsmore and children, 1899 and 1900,	185 08	
Inez Thorning,	44 00	
Amount carried forward,	\$1838 53	

Appropriation, March 5th,		\$6000 00
<i>Amount brought forward,</i>	\$1838 53	
Mrs. Mary Marland,	47 33	
Mrs. Campbell,	5 50	
A. J. Shaw,	7 25	
Dennis J. Carey,	223 00	
John Greene,	112 86	
Mrs. Mary A. Peterson,	109 20	
Sylvester Goodwin,	10 00	
David Anderson,	50 50	
Mrs. Mary Pillsbury,	27 00	
Mrs. Kate Rogers,	191 36	
Mary Gibbs,	10 00	
Janiber, (murder case),	5 00	
Joseph Foye,	7 00	
Mrs. Mary Lord,	162 25	
Mrs. Augenet Anderson,	136 00	
Annie Qualey's child,	96 00	
William Hartley,	8 50	
Dr. C. E. Abbott, town physician,	200 00	
Expense of visiting paupers and looking up pauper settle- ments,	114 79	
		<hr/> \$3362 07

Soldiers' Relief

William Hodgman,	\$ 74 79	
Mrs. George Craig,	56 00	
Mrs. Benjamin Cheever,	128 00	
Mrs. Elizabeth R. Carter,	93 00	
Mrs. Mary Russell,	48 00	
Mrs. Lucy M. Buxton,	72 00	
George E. Pike,	31 00	
Samuel O. Cheever,	25 30	
		<hr/>
<i>Amounts carried forward,</i>	\$528 09	\$3362 07

Appropriation March 5th,		\$6000 00
<i>Amounts brought forward,</i>	\$528 00	\$3362 07
Mrs. L. M. Mason,	98 75	
Mrs. Jane Lindsay,	179 29	
Elmore Dane,	108 00	
Mrs. Emma Shattuck,	122 08	
	<hr/>	\$1036 21

Amount Due from Commonwealth

Frank L. White,	\$8 00	
John Pitts,	3 00	
Jennie Young,	4 00	
Mrs. Morecott,	4 00	
	<hr/>	\$19 00

Amount Due from Cities and Towns

Boston, Mrs. Johanna O'Hara,	\$82 00	
Haverhill, Mrs. Kate Connors,	4 50	
Malden, Mrs. Annie J. Colbath,	42 00	
	<hr/>	\$128 50

Amount Due from Cities and Towns Soldiers' Relief

Tewksbury, Charles A. Orcutt,	\$100 50	
Tewksbury, Malachi Clinton,	35 00	
	<hr/>	\$135 50

Amount Paid Cities and Towns

Middleborough, Joseph Lord,	\$73 25	
Medford, John T. Shaw,	85 00	
Lowell, John F. Dorsey,	4 65	
Stoughton, Mrs. Mary B. Lord,	50 00	
Worcester, August Potreck,	8 00	
	<hr/>	\$220 90
<i>Amount carried forward,</i>		<hr/> \$4902 18

Appropriation, May 5th,	\$6000 00
<i>Amount brought forward,</i>	\$4902 18

Amount Paid Cities and Towns Soldiers' Relief

Rockland, Sariah D. Noland,	60 00	
Newton, Frank Parker,	50 18	
Woburn, Mrs. B. F. Upton,	89 00	
	<hr/>	\$199 18

Lunatic Hospitals

Danvers, Olga Mayer,	\$ 126 74	
Danvers, William B. Osgood,	126 74	
Danvers, Bridget Dwane,	126 74	
Danvers, Bridget Hayes,	126 75	
Danvers, John Daley,	126 76	
Danvers, Mrs. Mary Riley,	126 76	
Danvers, Mrs. Mary O'Connor,	126 76	
Medfield, George F. Stevens,	146 00	
Medfield, Charles L. Holt,	146 00	
Worcester, Nathan Webster,	126 89	
State Almshouse, Alex. Ross,	113 20	
State Farm, Henry Burns,	36 00	
State Farm, Wm. Driscoll,	109 20	
	<hr/>	\$1564 54

Total expenditure,	<hr/>	\$6665 90
Amount overdrawn,		<hr/> <hr/>
		\$665 90

Respectfully submitted,

WM. G. GOLDSMITH,	} <i>Overseers</i>
SAM'L H. BOUTWELL,	
JOHN S. STARK,	
	<i>of Poor.</i>

SUPERINTENDENT'S REPORT

Almshouse

Whole number of paupers in Almshouse during year,	32
Whole number of weeks board,	1575
Average weekly expense for each inmate, first deducting the amount sold from the farm, the expense of the Almshouse, was	\$1.63
Whole number of tramps,	50

Remaining in Almshouse

Between eighty and ninety,	5
Between seventy and eighty,	8
Between sixty and seventy,	4
Between fifty and sixty,	2
Between forty and fifty,	6
Between thirty and forty,	0
Between twenty and thirty,	3
Between ten and twenty,	0
Between one and ten,	0
Total,	28
Number at beginning of the year,	26
Number admitted,	6
Number discharged,	3
Number died,	1

Personal Property at the Almshouse

Household furniture,	\$1100 00
Clothing,	500 00
Farm stock,	800 00
Farm tools,	650 00
Farm produce,	500 00
Fuel,	150 00
Provisions,	75 00
Total,	<u>\$3775 00</u>

Superintendent's Farm Account

DR.

To cash received for	
Hay,	98 52
Labor,	10 00
Board,	248 00
Vegetables,	246 30
Milk,	1866 19
Fat Hogs,	150 65
Eggs,	15 88
Flour Barrels,	10 75
	\$2646 29
Due for Hay,	66 27
Total,	<u>\$2712 56</u>

CR.

By cash paid Town Treasurer,	<u>\$2646 29</u>
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The running expenses of the Town Farm will be about the same as last year.

GEORGE L. BURNHAM, Supt.

ANDOVER, Mass., Jan. 15, 1901.

FIRE DEPARTMENT

REPORT OF CHIEF ENGINEER

TO THE BOARD OF SELECTMEN:

Gentlemen,—In compliance with the regulations of the Fire Department, I submit the following report:

The force consists of three Engineers, eighteen members of Steamer Co. No. 1 and Hook and Ladder Truck, and ten members of the J. P. Bradlee Co. No. 1.

The apparatus consists of one third-class steam fire engine, two two-horse hose wagons, one one-horse hose wagon, two hook and ladder trucks. There are about five thousand feet of hose in good condition.

Schedule of Property

Two Engine-houses and shed,	\$16000 00
One Steam fire-engine and apparatus,	2000 00
Eight horses and harnesses,	800 00
One ladder truck,	250 00
One ladder truck,	1400 00
Three hose wagons,	800 00
Hand engine,	200 00
Total,	<u>\$21450 00</u>

There have been twenty-five bell alarms of fire, seven false alarms and one still alarm the past year.

1900.

- Feb. 28. Old South Church.
Value \$38000; Loss \$5400; Insurance \$22000.
- Feb. 28. House, Herbert Moody.
- Mar. 30. Brush fire, Shawsheen Grove.
- April 7. False alarm.
- April 9. False alarm.
- April 9. False alarm.
- April 13. False alarm.
- April 15. Brush fire, Sam Bailey.
- April 21. Brush fire, Wm. Jowett.
- April 25. Building, Town Farm.
Value \$100; Loss \$25.
- May 6. House, Harry Wright.
Value \$4000; Loss \$25; Insurance \$3000.
- May 6. False alarm.
- May 27. Brush fire, P. Smith.
- May 30. Brush fire, Osgood district.
- June 24. False alarm.
- July 3. Coal shed, Geo. Chandler.
Value \$500; Loss \$50.
- July 4. Wind mill, Curran & Joyce.
- July 4. Dormitory, Trustees P. A.
Value \$1000; Loss \$1000; Insurance \$1000.
- July 4. Club house, Cricket club.
Value \$500; Loss \$500; Insurance \$250.
- July 4. Block, E. Dayly.
- July 12. Stocks, Hussey estate.
- July 17. Shed and barn, Wm. Tucker.
Value \$1500; Loss \$1500; Insurance \$700.
- July 20. Coal shed, Geo. Chandler.
Value \$500; Loss \$50.
- Aug. 13. Wooden building, J. W. Barnard.
Value \$8000; Loss \$15; Insurance \$6000.
- Sept. 8. Tenement building, Mrs. Doran.
Value \$400; Loss \$100; Insurance \$400.

Sept. 15. Brush fire, Abbott Village.

Oct. 3. False alarm.

Oct. 9. Still alarm, Mrs. J. Magee.

Oct. 26. Steam laundry, J. H. Flint.

Value \$1500; Loss \$350; Insurance \$1000.

Nov. 22. Tenement building, Geo. Swift.

Value \$1200; Insurance \$1000.

Dec. 9. House, Mrs. S. F. Abbott.

Dec. 10. Barn, Trustees P. A.

Value \$3500; Loss \$2500; Insurance \$1600.

Dec. 18. House, A. W. Baker.

Value \$450; Loss \$450; Insurance \$400.

Totals Value \$53,150; Loss \$11,965; Insurance \$37,350.

I recommend an appropriation of \$3300 for the running expenses and care of fire alarm for the ensuing year.

I also recommend the purchase of a new steam fire engine.

Respectfully submitted,

LEWIS T. HARDY,

Chief Engineer.

POLICE DEPARTMENT

REPORT OF CHIEF OF POLICE

ANDOVER, Jan. 1st, 1901.

TO THE BOARD OF SELECTMEN :

Gentlemen, -- In compliance with the regulations of the Police Department, I submit my first annual report.

Arrests

Whole number of arrests from April 1st, 1900, to Jan. 1st, 1901, forty-eight, as follows :

Assault and Battery,	5
Assault, simple,	4
Disturbing the peace,	6
Larceny,	7
Insane,	1
Malicious Mischief,	3
Safe Keeping,	3
Violation of Town By-Laws,	4
Vagrancy,	1
Drunkenness,	3
Not Sending Child to School,	1
Stubborn Child,	1
Bastardy,	1
Delirium Tremens,	1
Keeping Un-licensed Dog,	2
Gambling on the Lord's Day,	3
Violation of the Liquor Law,	2

Whole number of arrests,

48

Disposed of as follows :

Committed to Danvers,	1	
Discharged,	7	
Paid fines,	27	
Committed to Jail,	8	
Bound over to Superior Court,	5	
		<hr/>
		48

Miscellaneous

Burglaries reported,	3	
Value of property reported stolen,	\$500	00
Value of property recovered,	250	00
Value of Equipments of the Andover Police,	225	00
Fines Paid Town Treasurer,	209	00
Persons locked up,	30	

There are now three regular men on the police force, one day man and two night men.

Respectfully submitted,

WILLIAM L. FRYE,

CHIEF OF POLICE.

CEMETERY COMMITTEE

The Cemetery Committee herewith submit their annual report with a statement of the receipts and expenditures for the year ending January 1st, 1901.

During the past year the usual work on the avenues, walks, paths and lawns, has been carefully looked after, trees and shrubbery planted, an enlargement plat for the single graves made and many large boulders removed from the avenues and walks. Much time and money has been expended upon the newly plotted easterly part of the cemetery, stumps removed, ground levelled and underbrush burned. The plat lately located in the south-western part of the cemetery will require a large expenditure of money to prepare it for burial purposes and most of the work therefor must be performed the coming year. Your committee, therefore, ask for the usual appropriation of \$300 and proceeds from sale of lots for the care of the cemetery the ensuing year.

JOHN L. SMITH,
GEORGE W. FOSTER,
OLIVER W. VENNARD,
FELIX G. HAYNES,
CHARLES GREENE,

Cemetery Committee.

ANDOVER, Feb. 6, 1901.

Report of Superintendent of Spring Grove Cemetery

Appropriation, March 5th, 1900,	\$300 00	
Sale of lots,	317 00	
		<u>\$617 00</u>
Andover Press, printing,	\$ 9 50	
Philip Allicon, labor,	173 05	
Timothy Connell, labor,	181 29	
Chas. O. Hemenway, labor,	37 50	
Charles Latroverse, labor,	34 50	
D. Donovan & Sons, painting shed,	3 73	
Smith & Manning, supplies,	22 34	
Geo. D. Millett, plants and shrubs,	10 00	
W. H. Higgins, teams,	4 00	
Francis H. Foster, surveying,	6 00	
George W. Foster, deeds,	13 50	
Henry McLawlin, supplies,	13 05	
O. W. Vennard, Supt., and labor,	110 50	
Total expenditure,		<u>\$618 96</u>
Amount overdrawn,		<u>\$1 96</u>
Received from Town as per last Report,	\$12511 02	
Received from Town this year,	300 00	
Received from sale of lots, wood, etc.,	8131 67	
		<u>\$20942 69</u>
Less amount paid Town Treasurer, proceeds of sale of standing wood in previous years,	1224 59	
		<u>\$19718 10</u>
Cost of Land,	\$ 3000 00	
Cost of Improvements as per last report,	16101 10	
Cost of Improvements this year,	618 96	
	\$19720 06	
Amount overdrawn,	1 96	
		<u>\$19718 10</u>

Lots sold as per last report,	275	
Lots sold this year,	10	
	<hr/>	285
		<hr/>
Whole number of single graves sold,		53
		<hr/>
Interments as per last report,	594	
Interments this year,	31	
	<hr/>	625
		<hr/>
Total number of interments,		

Respectfully submitted,

O. W. VENNARD,

Superintendent.

Andover, February 6, 1901.

CORNELL FUND

Amount of Fund,		\$5000 00
Deposited in Savings Bank,		5000 00
		<hr/>
Cash on hand,	\$ 23 44	
Dividends, 1900,	201 60	
	<hr/>	\$225 04
Amount expended,	\$142 39	
Cash on hand,	82 65	
	<hr/>	\$225 04
		<hr/>

FRANK E. GLEASON, }
JOSEPH A. SMART, } *Trustees.*
CHARLES GREENE, }

ANDOVER, MASS., February, 1901.

ACCOUNT OF TAX COLLECTOR

Abraham Marland in Account with the Town of Andover.

DR.

Amount due Town on Taxes, as by Report

Jan. 10, 1900,	\$33,450 28
Assessors' list 1900,	80,174 53
Andover National Bank Tax 1900,	2,131 25
	<hr/>
	\$115,756 01
	<hr/> <hr/>

CR.

Amount collected,	\$79,217 17
Amount abated,	1,000 00
Uncollected,	35,538 84
	<hr/>
	\$115,756 01
	<hr/> <hr/>
Interest on Taxes,	\$517 94

ABRAHAM MARLAND,

COLLECTOR.

Andover, January 14, 1901.

NOTE.—Collected in addition to above since books were closed, \$3, 260.41.

TREASURER'S ACCOUNT

Liabilities

Notes,	\$ 35000 00
Water Bonds, (\$5000.00 due 1901),	145000 00
Sewer Bonds, 4 per cent.,	95000 00
Sewer Bonds, 3 1-2 per cent.,	30000 00
Park Notes, (\$1700.00 due 1900),	6800 00
Memorial Hall Notes,	25000 00
Interest,	2695 77
Unpaid Bills,	
Town Officers,	850 00
Highways,	1000 00
Fire Department,	700 00
Horses and Drivers,	400 00
Relief Out,	500 00
Schools,	200 00
Miscellaneous,	200 00
	<hr/>
	\$343345 77

Amount carried forward,

\$343345 77

Amount brought forward,

\$343345 77

Assets

Cash on hand, Town Funds,	\$ 884 51	
Cash, Sewer Department,	9417 10	
Cash, Waterworks,	202 27	
		<hr/>
		\$10503 88

Uncollected Taxes, 1893,	\$ 213 72	
Uncollected Taxes, 1894,	663 49	
Uncollected Taxes, 1895,	1561 01	
Uncollected Taxes, 1896,	2812 88	
Uncollected Taxes, 1897,	3372 53	
Uncollected Taxes, 1898,	5387 89	
Uncollected Taxes, 1899,	7335 86	
Uncollected Taxes, 1900,	14191 46	
		<hr/>
		\$35538 84

Due for Street Watering,	296 13	
Due for Concreting,	1185 06	
Sinking Funds,	33937 54	
Commonwealth, Pauper Acct.,	19 00	
Commonwealth, State Aid,	1612 00	
Commonwealth, Military Aid,	131 00	
Cities and Towns, Pauper Acct.,	264 00	
		<hr/>
		\$83487 45

Net Liabilities,

\$259858 32

GEORGE A. PARKER, Treasurer in

Dr.

Balance Jan., 1900,	\$ 294 64
Commonwealth, State Highway,	3928 08
Commonwealth, Corporation Tax,	7219 53
Commonwealth, Bank Tax,	3582 53
Commonwealth, Military Aid,	116 00
Commonwealth, State Aid, Chap. 374, Acts of 1889,	1754 00
Commonwealth, State Aid, Chap. 561, Acts of 1898,	144 00
Commonwealth, Street Railway Tax,	725 73
Commonwealth, State Pauper Account,	183 42
E. K. Jenkins, County Treasurer, Dog Tax,	557 50
A. Marland, Collector, taxes,	79217 17
A. Marland, Collector, interest,	517 94
A. Marland, Collector, abatements,	1000 00
A. Marland, Collector, street watering,	901 12
A. Marland, Town Clerk, licenses and fees,	46 50
Andover National Bank, Notes,	135000 00
Water Rates,	10668 57
Town Hall,	249 50
Town House Rents,	120 00
Cities and Towns, Pauper account,	288 31
Spring Grove Cemetery, Sale of lots,	317 00
George L. Burnham, Supt.,	2646 29
Lowell, Lawrence & Haverhill St. Railway, Excise Tax,	588 38
Park Commission, trimming trees,	18 50
Relief Out, Refunded,	322 44
Geo. H. Poor, Esq., Fines,	199 00
Geo. H. Poor, Esq., Violation of School Laws,	10 00
Joshua Milner, Expense of Fumigation,	81 98
Sewer Department, Loan, Interest on Bonds,	2125 00
B. & M. R. R., Macadam,	250 00
Board of Public Works, crushed stone,	150 32
State Highway, work of horses,	92 50
Hay Scales,	50 75
School Books and Supplies sold,	30 16
Ballardvale Rents,	200 00
Amos Blanchard, concreting,	56 00
J. F. McGovern, horse,	20 00
Gravel,	16 50
County of Essex,	7 00
A. F. Robinson, overcharge,	9 00
State Aid Refunded,	18 00
F. O. Dinsmore,	5 00
A. H. Bemis,	5 70
F. I. Ley & Co., stone,	30 70

\$253764 76

Account with the Town of Andover.

CR.

Selectmen's Orders Paid:

Schools,	\$21924 54
Schoolhouses,	2522 87
Books and Supplies,	1529 24
Printing and Stationery,	1063 29
Spring Grove Cemetery,	618 96
Insurance,	600 00
Interest,	12151 61
Street Lighting,	4160 51
Sidewalks,	1614 29
Removing Snow,	290 54
Hay Scales,	25 00
Horses and Drivers,	3512 85
State Highway,	4232 65
Highways,	9724 45
Fire Department,	3498 13
Fire Alarm,	213 19
Dog Tax,	557 50
Town House,	1101 73
Town Officers,	5999 15
Readjustment of Street Grades,	200 00
Park Commissioners,	424 62
Miscellaneous,	1563 28
Public Dump,	32 80
County Tax,	4393 29
Bonds Redeemed,	5000 00
Public Works, Construction,	1000 00
Park Loan,	1700 00
Storage Land,	3000 00
Revolutionary Markers,	50 00
Tree Warden,	512 32
Brick Yard Land,	1200 00
Memorial Day,	200 00
Abatement of Taxes,	1062 00
Notes paid,	132000 00
Sinking Fund,	1050 00
Public Works, Maintenance,	6000 00
State and Bank Tax,	3753 06

Overseers' Orders :

State Aid,	1612 00
Military Aid,	262 00
Expenses of Almshouse,	5278 75
Almshouse Repairs,	300 00
Relief out,	6945 63
Cash on Hand,	884 51

\$253764 76

Water Department

DR.

Balance, January, 1900,	\$ 791 95
Town, Maintenance,	6000 00
Town, Interest,	6000 00
B. & M. R. R., Overcharge,	11 34
Town, Redemption of Bonds,	5000 00
Town, Construction,	1000 00
Service-pipe,	2061 70
	<hr/>
	\$20864 99

CR.

Orders paid,	\$8255 76
Interest on Bonds,	5980 00
Bonds redeemed, (Nos. 51, 52, 53, 54, and 55,)	5000 00
Transferred to Sewer Maintenance,	685 96
Transferred to Sewer Pipe,	741 00
Cash on hand,	202 27
	<hr/>
	\$20864 99
	<hr/>

Sewer Department

DR.

Balance, January, 1900,	\$ 1600 24
Bonds sold,	15000 00
Premium on Bonds,	1060 35
Interest on Bonds sold,	10 00
Sewer Assessments,	23382 89
Sewer Connections,	2069 08
Town, Interest on Bonds,	2125 00
Interest on Deposits,	124 20
Bricks sold,	5 00
R. J. L. Goode, crushed stone,	8 00
State Highway, crushed stone,	18 88
State Highway, pipe,	55 50
Waterworks, pipe,	741 00
Water Works, maintenance,	685 96
	<hr/> \$46886 10

CR.

Orders paid,	\$14582 33
Rebates,	151 67
Interest on Bonds,	4610 00
Sinking Fund,	16000 00
Interest Repaid Town,	2125 00
Cash on hand,	9417 10
	<hr/> \$46886 10
	<hr/>

Sinking Funds. Water Loans

DR.

Balance, January 1900,	\$8201 34
Received from Town,	750 00
Interest,	344 82
	<hr/>
	\$9296 16

CR.

Deposited as follows:

Andover Savings Bank,	\$2200 01
Essex Savings Bank,	961 39
City Institution for Savings,	1044 73
Broadway Savings Bank,	1221 15
Lawrence Savings Bank,	721 50
Central Savings Bank,	570 64
Haverhill Savings Bank,	1065 16
Lowell Five Cents Savings Bank,	655 90
Mechanics Savings Bank,	702 68
Merrimac River Savings Bank,	153 00
	<hr/>
	\$9296 16

Sewer Loans

DR.

Balance, January, 1900,	\$ 7268 68
Interest,	355 74
Sewer Assessments,	15000 00
Premium on Bonds,	1000 00
	<hr/>
	\$23624 42

CR.

Andover Sewer Bonds,	\$ 7000 00
Andover National Bank, special deposit,	16073 41
Salem Five Cents Savings Bank,	551 01
	<hr/>
	\$23624 42

Memorial Hall

DR.

Balance, January 1900,	\$683 64	
Town,	300 00	
Interest,	33 32	
		<hr/>
		\$1016 96

CR.

Deposited in Lawrence Savings Bank,	<hr/>	\$1016 96
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Edward Taylor Fund

DR.

Balance, January, 1900,	\$121 99	
Interest,	4 90	
		<hr/>
		\$126 89

CR.

Deposited in Andover Savings Bank,	<hr/>	\$126 89
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Frye Village School Fund

DR.

Balance, January, 1900,	\$1082 64	
Interest,	43 72	
		<hr/>
		\$1126 36

CR.

Deposited in Andover Savings Bank,	<hr/>	\$1126 36
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Spring Grove Cemetery Fund

DR.

Balance, January, 1900,	\$619 36	
Interest,	25 00	
		<hr/>
		\$644 36

CR.

Deposited in Lawrence Savings Bank,	<hr/>	\$644 36
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Cemetery Funds

Trust Funds for care of Cemetery Lots, \$3436 45

\$3436 45

GEO. A. PARKER,

TREASURER.

ANDOVER, Jan. 15, 1901.

ASSESSORS' REPORT

We herewith submit our Annual Report :

Number of Male polls assessed,	1496
Personal Estate,	\$1,189,741 00
Real Estate,	3,879,930 00
	<hr/>
	\$5,069,671 00
	<hr/>

Poll-tax,	\$ 2,992 00
Tax on Personal Estate,	18,440 99
Tax on Real Estate,	60,138 91
	<hr/>
	\$81,571 90
	<hr/>

Rate of Tax per \$1000, \$15.50

Number of

Horses assessed,	711
Cows assessed,	986
Cattle other than Cows,	184
Sheep	25
Swine,	275
Dwellings,	1105
Acres of land,	18469

WM. G. GOLDSMITH,	} <i>Assessors</i>
SAMUEL H. BOUTWELL,	
JOHN S. STARK,	
	<i>of</i>
	<i>Andover.</i>

PARK COMMISSIONERS' REPORT.

A large part of the appropriation made for the Park Commission was expended in lowering the grade of the drive way at the entrance of Carmel Woods near the old gravel pit, in filling in and grading this unsightly spot, and setting stone steps at the approach of Michella path. No expenditures have been made in setting out trees and shrubs except to cover the embankment where grade of drive way was lowered. Mr. Wm. T. Jackson contributed a lot of wild Rhododendrons taken from the mountain sides of Pennsylvania which will make a grand show in a few years, and if unmolested will doubtless spread rapidly. Mr. Goldsmith kindly set them out in a well chosen spot. There are many places in these woods where trees and shrubs can be set out to advantage and we wish others would follow the lead of Mr. Jackson. The commissioners will be glad to attend to the setting out of anything valuable which is contributed.

Many dead limbs have been cut from trees, bushes cut and burned, leaves have been raked and the woods generally have been kept in a tidy condition. At this time it does not seem advisable to the commissioners to ask for more than one hundred dollars to be used in Carmel Woods the coming year. There has been very little work done on the Richardson land except to dig trenches for the dumping in of road scrapings, ashes, etc., and leveling off the same. One hundred dollars will be ample to use on this land the coming year for this kind of work.

Respectfully submitted,

CHARLES L. CARTER,	}	<i>Park Commissioners.</i>
ARTHUR BLISS,		

Park Commissioners' Account

Appropriation, March 5th, 1900,		\$500 00
Paid for labor	\$375 72	
Teaming and Express,	16 50	
Stone steps and setting same,	9 00	
200 vines for embankment Carmel Woods,	18 00	
Sharpening tools,	2 55	
Painting ladder,	1 00	
Tools,	1 85	
Total expenditure,	<hr/>	\$424 62
Balance unexpended,		<hr/> <hr/> \$ 75 38

TREE WARDEN

The Tree Warden makes the following report :

With the appropriation of five hundred dollars made by the town at the last March meeting, I could not get over the whole territory that comes under the care of the Tree Warden, and therefore did what I could within a radius of a mile from the centre.

The work shows for itself. I set out trees to fill spaces on Bartlett, Chestnut, Park, Florence, Whittier, North Main and Marland streets, also some in Abbott Village,—about one hundred trees in all. I began the pruning of trees in front of the Town Hall and trimmed up Main street to the end of the trolley line ; went to Punchard avenue, Bartlett street, Whittier street, thence to Elm street and out as far as the residence of Rev. F. H. Johnson. I then finished the work on Abbott and Brook streets. On the above named streets I tried to do thorough work, but had to stop as money was getting low and it was necessary to do something on other streets in way of removing large dead limbs which endangered life and property. Work should be done on all the streets in the town, and in my judgement a thousand dollars can be well expended the coming year on work which comes under the jurisdiction of the Tree Warden. After which, a small appropriation each year will keep the trees in good condition.

Respectfully submitted,

CHARLES L. CARTER, *Tree Warden.*

Tree Warden's Account

Appropriation, March 5th,		\$500 00
Cash received for trimming trees,		18 75
		<hr/> \$518 75
Paid for pruning and work on trees,	\$410 59	
Tools,	12 57	
96 maple trees,	58 40	
Teaming trees and cuttings,	15 18	
Setting out trees,	9 43	
Sharpening tools,	4 85	
Mending,	1 30	
	<hr/>	\$512 32
Total expenditure,		
Balance unexpended,		<hr/> \$ 6 43 <hr/>

REPORT ON MARKING GRAVES OF REVOLUTIONARY HEROES

To the Selectmen of Andover, Mass. :

GENTLEMEN :

The Phoebe Foxcroft Phillips Chapter, D. R., report on the marking of revolutionary patriots' graves as follows :

Probably over a hundred revolutionary patriots are buried in the South and West Parish cemeteries. Thirty-two markers placed in the former cemetery and eighteen in the latter exhausted the appropriation made at the March meeting in 1900.

The markers in the South cemetery were set in November, but owing to the lateness of the season when the markers arrived, those for the West cemetery were stored in the tool house there until Spring.

The last resting places, not yet marked, of these patriots may be divided into five groups :

1. Those with headstones where similarity of names and dates of death needed further evidence in order to correctly locate the markers.
2. Those in family lots with no headstones.
3. Those in family lots where the names are inscribed on the monument with others, not patriots.
4. Tombs containing patriots.
5. Unknown graves of patriots whose names appear on town or church records as buried in Andover.

The graves of the first group have already been for the most part identified ; the second, third and fourth groups require a marker with tablet for name, but those of the fifth group cannot be marked until the burial place of each is proven.

The chapter asks that an article appropriating one hundred dollars be inserted in the Warrant for the coming town meeting, for the further marking and designation of the graves of revolutionary patriots under the direction of the Chapter.

A list of the names of those marked this year, or before, is appended.

SALOME JANE MARLAND,

For the Chapter.

South Parish Cemetery

	Born	Died
Abbot, Abiel,	1760—	1828
Abbot, Asa,	1724—	1797
Abbot, George, Esq.,	1724—	1775
Abbot, Capt. Henry,	1725—	1805
Abbot, Dea. Isaac,	1741—	1836
Abbot, William,	1723—	1798
Abbot, Dea. Zebediah,	1739—	1795
Ames, Capt. Benjamin,	1724—	1809
Ames, Benjamin, jr.,	1750—	1813
Blanchard, Josiah,	1740—	1790
Chandler, William,	1723—	1800
Clark, Abijah,	1752—	1818
Dowing, Palfrey,	1761—	1835
Faulkner, Abiel,	1755—	1818
Foster, Obadiah,	1739—	1780
Frye, Samuel,	1730—	1819
Frye, Theophilus,	1764—	1830
Furbush, Capt. Charles,	1735—	1795
Furbush, Charles, jr.,	1751—	1788
Furbush, Simeon,	1760—	1835
Holt, Asa,	1746—	1795
Holt, Dane,	1740—	1818
Holt, Jonathan,	1728—	1792
Jones, Ebenezer,	1759—	1832
Jones, Jacob,	1746—	1814

	Born	Died
Lovejoy, Joseph,	1744—	1803
Lovejoy, Pomp,		—1826
Mooar, Isaac,	1757—	1832
Osgood, Jacob,	1752—	1838
Stevens, David,	1761—	1834
Upton, Abiel,	1757—	1831
Wardwell, Simeon,	1752—	1827

The graves of the following had been previously marked at private expense :

Abbot, Caleb,	1751—1837
Giddings, Isaac,	1755—1843
Goldsmith, Jeremiah,	1760—1842
Phillips, Hon. Sam'l,	1752—1802

West Parish Cemetery

Abbot, David,	1764—1823
Abbot, Capt. Jeduthan,	1749—1810
Bailey, Lieut. Moses,	1744—1842
Bailey, William,	1748—1836
Barnard, John,	1760—1842
Boynton, Thomas,	1747—1833
Burt, Joseph,	1726—1810
Chandler, Maj. Abiel,	1760—1833
Chandler, James,	1761—1835
Dane, Joseph,	1723—1807
Foster, Gideon,	1739—1817
Holt, Joshua,	1740—1810
Hunt, Paul,	1754—1832
Lovejoy, Isaac,	1724—1800
Lovejoy, Isaac,	1767—1832
Lovejoy, Jeremiah,	1738—1806
Shattuck, Joseph,	1758—1847
Rand, Ebenezer,	1731—1813

The grave of James Cochran (1752—1837) had been marked at private expense.

REPORT OF COMMITTEE ON ROGERS BROOK

TO THE CITIZENS OF ANDOVER :

We respectfully call your attention to the following report of the engineer.

Andover, Mass., Jan. 24, 1901.

To Arthur Bliss, Chas. L. Carter, John H. Flint, Felix G. Haynes and John L. Smith, Committee on Rogers Brook.

Gentlemen :—Acting under your instructions I have made an examination of that portion of Rogers Brook lying between Main and Whittier streets and submit the following report.

Surveys have been made and plotted as shown on accompanying plan and profile. On August 6, 1900, an investigation showed the culvert crossing Main street to be in fairly clear condition, at a curve in the brook through private land, about 160 feet from Main street, the retaining walls had fallen for a distance of about 35 feet, contracting the width between walls to such an extent that the carrying capacity was diminished about 30 per cent.

The culvert beyond this point, under land of J. W. Barnard and Bartlet street, was filled an average of seven tenths of a foot with silt, due to the clogging of the brook mentioned. Planks, boxes, barrels and other rubbish were in various places caught across the culvert in such manner as to block fully 50 per cent. of the waterway. Beyond Bartlet street the bed of the brook rises about two feet in a distance of ten feet, from there to Chestnut street the land is quite flat and the brook is very shallow, an abundance of drift wood, etc. was found on these flats ready to be floated off at the first rise of the brook.

At Chestnut street the culvert is shallow, allowing a depth of two and a half feet of water to pass through it. At Whittier street the bottom of the brook is much too high to allow the water from the flats beyond to pass.

As shown on the accompanying plan the brook curves at sharp angles at three places, the brook course at two of these points being shallow the brook must overflow its banks before depth enough of water can be obtained to give the required velocity. On the Town lands this can be easily overcome, on private lands the straightening of the brook might become a serious question of land damages.

Respectfully submitted,

JOHN E. SMITH,

Engineer.

Under the opinion of the Town counsel, any action in the matter must be taken under Chap. 80 of the Public Statutes, which gives the Board of Health power to act under certain conditions.

Very respectfully,

ARTHUR BLISS,

CHAS. L. CARTER,

JOHN H. FLINT,

FELIX G. HAYNES,

JOHN L. SMITH,

Committee

AUDITORS' CERTIFICATE

We have examined the accounts of the several Town Officers and find them correctly cast and satisfactory vouchers for all payments made.

The Town Treasurer has on deposit in the Andover National Bank and cash on hand \$884.51. There is the sum of \$202.27 to the credit of the water loan, and \$9417.10 to the credit of the sewer loan.

GEORGE A. HIGGINS,
CHARLES B. JENKINS,

Auditors.

PUNCHARD FREE SCHOOL

The Trustees of the Punchard Free School submit to the Town this report of the condition of the fund and of the income and expenditures for the year 1900 :

TREASURER'S REPORT FOR THE YEAR 1900.

PRINCIPAL.

Amount of the General Fund,		\$75005 00
Invested in Real Estate Mortgages,	\$67130 00	
Real Estate at Ballard Vale (foreclosed),	1450 00	
Deposit in Trust Co. on 2 1-2 per cent. int.,	6370 00	
Deposit in Andover Savings Bank,	55 00	
	<u> </u>	<u>\$75005 00</u>

BARNARD PRIZE FUND.

Ten shares preferred stock Union Pacific Railway.		
Dividend on hand Dec. 31, 1899,	\$20 00	
Dividends in 1900,	40 00	
Prizes awarded,		\$40 00
Balance on hand Dec. 31, 1900,		20 00
	<u>\$60 00</u>	<u>\$60 00</u>

INCOME.

Balance on hand December 31, 1899,	\$ 722 02	
Interest collected on mortgage notes,	4047 00	
Interest on Trust Co. deposit,	15 76	
Rent from Ballard Vale house,	8 00	
Book assessment paid by pupils,	336 25	
Tuition from one pupil two terms,	30 00	
	<u> </u>	\$5159 03
Expenses as per statement,	\$4445 05	
Balance on hand December 31, 1900,	713 98	
	<u> </u>	<u>\$5159 03</u>

EXPENSES IN DETAIL.

Frank O. Baldwin, Principal,	\$1820 75
Mary E. Dern, Assistant,	662 00
Jean S. Pond, Assistant,	602 00
Eric A. Starbuck, Assistant,	601 00
Elizabeth Hoar, Music Teacher,	20 00
Frederic Palmer, Chairman Visiting Committee,	50 00
Geo. H. Poor, Treasurer,	200 00
American Express,	1 10
Andover Press,	11 50
E. E. Babb & Co., school supplies,	1 13
Arthur Bliss, chemicals,	7 15
F. O. Baldwin, supplies,	4 54
G. C. Cannon, filling diplomas,	4 50
Ginn & Co., school supplies,	3 27
G. A. Higgins & Co., school supplies,	419 62
W. H. Higgins, carriage for speaker,	3 00
Hinds and Noble, school supplies,	2 85
Insurance on house,	5 00
L. E. Knott Co., school supplies,	17 84
G. H. Parker, school supplies,	1 80
Revenue Stamps,	1 00
E. W. Stannard, tuning piano,	5 00
Total expenses,	<u>\$4445 05</u>

GEO. H. POOR,

TREASURER.

January 1, 1901.

Examined and found correct,

GEORGE A. PARKER,

M. E. GUTTERSON,

AUDITORS.

FREDERIC PALMER,
FRANK R. SHIPMAN,
G. A. ANDREWS,
GEORGE A. PARKER,

MYRON E. GUTTERSON,
GEORGE H. POOR,
HORACE H. TYER,
SAM'L H. BOUTWELL,

TRUSTEES.

MEMORIAL HALL.

TWENTY-NINTH ANNUAL REPORT OF THE BOARD OF TRUSTEES.

The Librarian's statistical report attests the continued usefulness of the circulating and reference departments of the Library. In round numbers, 500 new books have been added to the Library during the past year, and there has been an aggregate circulation of 20,000 volumes, 1500 of which have been delivered by special carrier in the out-districts. A new system of distribution of juvenile books, in the public schools, through the teachers, has been in operation since February 1900, and 1500 volumes have been issued in that way.

The 5000 visitors to the Cornell Art Room, including scholars brought by their teachers, and strangers in town brought by their friends, furnish constant and gratifying proof of the wisdom of Mr. Cornell's bequest. In extending still further this plan of popular education through pictures, the Trustees have just now purchased five hundred stereoscopic views, representative of history, art and scenery in foreign countries as well as our own, which are to be on exhibition in the Art Room, and also to be issued, under proper conditions, for use in the classes of our public schools. The record of attendance kept by the Superintendent of the Art Room is appended.

Number of visitors: Adults, 2756; Children, 2212; Total, 4968. Average daily attendance, 48; in winter months, 103.

The Art Room was opened January 12, 1900, and since March 23, has been kept open on Friday and Saturday afternoons, and on Saturday evening.

JULIA E. TWICHELL.

The patrons of the Library are reminded of the opportunity to suggest titles of books for purchase; the Librarian will furnish, on application, slips upon which the entries are to be made.

Respectfully submitted :

JOSEPH W. SMITH,
FRANCIS H. JOHNSON,
E. KENDALL JENKINS,
JOSEPH A. SMART,
C. C. CARPENTER,
GEO. W. FOSTER,
FREDERIC S. BOUTWELL,

TRUSTEES.

ANDOVER, Feb. 11, 1901.

Frederic S. Boutwell, Treasurer of Trustees of Memorial
RECEIPTS.

Feb. 1, 1900.	To cash balance from last year,	\$ 571 72
" 23, "	Cornell Purchase Fund,	500 00
" 26, "	Town Treasurer, Dog tax, 1899,	557 50
Mar. 23, "	Gift,	100 00
Apr. 5, "	Interest on mortgage,	111 25
June 13, "	Interest on Town notes,	1400 00
Oct. 3, "	Interest on mortgage,	100 00
Oct. 10, "	Credit from Little, Brown & Co.	67
Jan. 4, 1901.	Ballard Holt, sale of Old Books,	1 00
" " "	" " sale of Catalogues,	8 50
" " "	" " use of Books,	6 42
" " "	" " Fines,	48 00
" " "	" " sale of Art Room catalogues,	17 35
Jan. 17 "	Interest from Savings Banks,	376 60

\$3799 01

Hall, in account with the Town of Andover, Mass.

EXPENDITURES.

Ballard Holt, salary,	\$820 00
James O. Bradshaw, salary,	77 00
Edw. C. Carter, salary,	12 00
Andover Electric Co., lighting,	197 14
Little, Brown & Co., books,	313 75
Desmond Publishing Co., books,	35 00
Hazard Stevens, book,	5 00
Chas. J. Pope, book,	10 00
McClure, Tissot Co., books,	40 00
F. S. Blanchard & Co., book,	3 00
F. J. Barnard & Co., binding,	93 40
Boston Book-binding Co., binding,	10 65
Andover Press, supplies,	92 20
O. P. Chase, papers and periodicals,	147 15
J. A. Smart, insurance,	165 00
F. C. & C. J. Way, carriers,	78 00
John E. Murphy, labor,	97 00
Dennis Sweeney, labor,	8 75
Charles P. Rea, labor,	4 17
Newton Jaquith, labor,	10 00
Hardy & Cole, repairs,	62 05
E. C. Pike, repairs,	14 00
Geo. Saunders, repairs,	6 87
Lincoln Dillaway, Co., rope,	1 12
J. E. Whiting, repairs,	1 50
H. F. Chase, repairs,	1 00
Smith & Manning, supplies,	5 88
Geo. A. Higgins & Co., supplies,	1 55
William A. Morton, decorating,	200 00
A. F. Dennett, 2 fire extinguishers,	30 00
Sprinkling street tax, Town of Andover,	8 50
Ballard Holt, sundries,	74 96
Tuttle's Express,	6 25
Revenue and Postage Stamps,	5 00
Andover Electric Co., lighting,	90 00
Hardy & Cole, work,	101 60
C. A. Hill & Co., electric bells,	7 74
A. Kaiser, labor and supplies,	8 58
A. W. Caldwell, labor and supplies,	13 98
George A. Higgins & Co., supplies,	75
Henry McLawlin, supplies,	1 43
Ira Abbott, screens,	10 50
Tuttle's Express,	24 82
Alice Whitney, attendant,	3 00
Julia E. Twichell, attendant,	91 08
E. W. Noyes, pictures,	491 95
Braun, Clement & Co., pictures,	108 67
Frank Hegger, pictures,	25 00
Andover Press, Catalogues etc.,	33 25
Cash to balance,	148 77

\$3799 01

Treasurer's Report Trustees Memorial Hall—Continued.

FUNDS		INVESTED AS FOLLOWS	
Permanent Fund,	\$20000 00	Town Note,	\$20000 00
John Byers Fund,	10000 00	Town Note,	5000 00
John Cornell Fund, (per.),	5000 00	Mortgage,	4000 00
John Cornell Fund, purchase	3000 00	Savings Banks,	9600 00
Edward Taylor Fund,	500 00	Cash,	148 77
W. C. T. U. Fund,	100 00		
Cash,	148 77		
	<hr/>		<hr/>
	\$38748 77		\$38748 77
	<hr/>		<hr/>

JAN. 27, 1900.

Examined and verified the foregoing account.

J. A. SMART,
E. K. JENKINS.

Finance Committee.

REPORT OF LIBRARIAN.

To the Board of Trustees of the Memorial Hall Library :

GENTLEMEN : — I herewith submit the Librarian's report for the year ending December 31, 1900 :

Statistics.

Volumes in the Library, January 1, 1900,	15,353
Volumes purchased,	237
Volumes presented,	147
Volumes of periodicals bound,	59
	<hr/>
Total number of books in the Library,	15,796
Pamphlets in the Library, January 1, 1900,	7,821
Pamphlets presented,	221
	<hr/>
Total number of pamphlets in the Library,	8,042
Number of days the Library was open,	306
Number of volumes delivered :	
General delivery,	17,198
Abbott District,	151
Bailey District,	574
North District,	136
Osgood District,	633
Public Schools,	1421
	<hr/>
	20,113
Largest daily issue,	151
Largest weekly issue,	571
Average daily issue,	66
Per-centage of fiction and juvenile taken out,	80 1-2
Notices sent to delinquent borrowers,	816
New names registered,	171
Number of books covered anew,	1809
Number of volumes rebound,	204
Volumes delivered for use in Reading-room,	661
Average attendance in Reading-room,	61
Income from fines,	\$48.00
Income from use of books,	6 42
Income from sale of catalogues, (17)	8 50
Received from sale of old books,	1 00

List of Donors

	Vols.	Pamps.	Pprs.
Abbot Courant,		1	
Abbot Public Library, Marblehead, Mass.,		1	
Abbott, Miss Ellen J.,	12		
American Union League, New York City,	1		
Andover, Town of,	2		
Cambridge Public Library,		1	
Carpenter, Rev. C. C.	1		
Enoch Pratt Free Library, Baltimore, Md.,		1	
Fall River Public Library,		1	
Farmer, J. E., Concord, N. H.,		1	
Forbes Library, Northampton, Mass.,		1	
Hyde Park Public Library,		1	
Indian Rights Association, Phila., Pa.,		1	
Ingalls, J. W., Washington, D. C.,		1	
Ipswich Historical Society,		1	
Jenkins, E. K.		1	
Johnson, Mrs. Mary J.,	1		
Knox, Hon. W. S.,	6		
Lawrence Public Library,		5	
Massachusetts, Commonwealth of,	20	2	
Newton Free Library,		1	
Palmer, Rev. Frederic,		1	
Poor, Miss Sara,	13	3	
Raymond, E. G., Grand Rapids, Mich.,	1		
Salem Public Library,		1	
Society for the Prevention of Cruelty to Animals,			12
Soldiers' Aid Society of Andover,	1		
Somerville Public Library,		1	
Stearns, F. P., New York City,	3		
Stevens, Hon. Moses T., North Andover, Mass.,	2		
Traveler's Record,			12
United States,	96	192	
Whitney, C. C., Marshall, Minn.,			52
Woodbury, Mrs. John, Boston, Mass.,		1	
	<hr/>	<hr/>	<hr/>
	159	219	76

Gifts to the Memorial Hall.

Greene, Miss Jessie. Photograph of William H. Greene, Co. H.,
1st Mass. H. A.

Thomas, Mrs. Charlotte A. Photograph of Franklin Hardy, Co.
H., 1st Mass. H. A.

Fifty-three volumes have been withdrawn, and replaced with new ones.

Two numbers of the Boston Journal, one each of Boston Herald, Cornhill Magazine, Harper's Weekly, St. Nicholas, and Scribner's Magazine, have been taken from the Reading-room.

BALLARD HOLT,

LIBRARIAN.

ANDOVER, Jan. 4, 1901.

RECOMMENDATIONS

OF

FINANCE COMMITTEE, 1901

The following is a list of appropriations, recommended by the Finance Committee:

Schools.	\$22500 00
School-Houses,	2000 00
School-Books and Supplies,	1500 00
Highways and Bridges,	3000 00
Macadamized Roads,	3000 00

And the amounts received from street sprinkling
and from the Street R. R., and for the use of the
Town teams.

Sidewalks,	500 00
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To be expended under the Betterment Act.

Removing Snow,	500 00
Horses and Drivers,	4000 00
Street Lighting,	4200 00
Town Officers,	5500 00

It is recommended that salaries be paid as follows:

Selectmen, chairman,	\$ 500 00
Selectmen, 2 others, each	450 00
Treasurer, (And furnish his own bond)	400 00
Clerk and Collector,	1000 00

And that his office be open for business
daily (Sundays and legal holidays ex-
cepted) from 9 a. m. to 12 m., and from
3 p. m. to 6 p. m., and two evenings each
week from 7 to 9.

<i>Amount carried forward,</i>	<u>\$46700 00</u>
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<i>Amount brought forward,</i>	\$46700 00
Public Works,	
Maintenance,	6000 00
Construction,	1000 00
Sinking Funds,	750 00
New Boiler at Pumping Station,	1800 00
Fire Department,	
Maintenance and Fire Alarm,	3300 00
Town House,	1000 00
Almshouse,	5000 00
Repairs on Almshouse,	300 00
Relief out of Almshouse,	6000 00
State Aid,	1600 00
Military Aid,	250 00
State Tax,	4000 00
County Tax,	4000 00
Abatement of Taxes,	1000 00
Interest, on Bonds, Funds and Notes,	9500 00
Redemption of Bonds,	5000 00
Notes Payable, Park Loan,	1700 00
Printing and Stationery,	1000 00
And unexpended balance from 1900.	
Miscellaneous,	1500 00
Memorial Day,	200 00
Insurance,	600 00
Spring Grove Cemetery,	300 00
And proceeds of sale of Lots.	
Hay Scales,	50 00
Tree Warden,	500 00
\$100 of which is for two years' salary of Warden, for 1900 and 1901.	
Park Commission,	200 00
Public Dump,	50 00
<i>Amount carried forward,</i>	<u>\$103300 00</u>

Amount brought forward, \$103,300 00

The Committee also recommend favorable consideration of the following Articles in the Town Warrant.

Art. 20. Sanitararies at Stowe School,	3500 00
Art. 11. New Steam Fire Engine,	4000 00
Art. 17. Sidewalk, West Parish,	300 00
Total,	<u>\$111,100 00</u>

Respectfully submitted,

ARTHUR BLISS, *Chairman.*

JOHN L. SMITH,

JOSEPH T. LOVEJOY,

JOHN N. COLE,

BARNETT ROGERS,

WALTER S. DONALD,

GEO. T. EATON,

S. H. BOUTWELL,

LEWIS T. HARDY,

E. K. JENKINS,

BANCROFT T. HAYNES,

HOWELL F. WILSON,

PETER D. SMITH,

E. J. ROWE,

J. W. BELL, *Secretary.*

Finance Committee.

TOWN WARRANT

ESSEX, SS.: To either of the Constables of the Town of
Andover. GREETING :

Article 1st.—To choose a Moderator to preside at said meeting.

Article 2nd.—To choose Town Clerk, Treasurer, Collector of Taxes, three members of the Board of Selectmen, Assessors and Overseers of the Poor for one year, one member of the Board of Health for three years, three members of the School Committee for three years, and one for two years, five Trustees of the Punchard Free School for three years, one Trustee of the Memorial Hall for seven years, one trustee of the Cornell Fund for three years, one Park Commissioner for three years, and one for two years, two members of the Board of Public Works for three years, Tree Warden for one year, one or more Auditors of Accounts, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, a Pound Keeper, Fire Wards, and any other officers the Town may determine to choose.

Article 3rd.—To take action on the following question: “Shall licenses be granted for the sale of Intoxicating Liquors in this town?”

Article 4th.—To determine what sums of money shall be appropriated for Schools, School-houses, School-books and Supplies, Highways and Bridges, Macadamized Roads, Sidewalks, Removing Snow, Horses and Drivers, Street Lighting, Town Officers, Public Works, Sinking Fund for Memorial

Hall Notes, Fire Department, Town House, Almshouse, Repairs on Almshouse, State Aid, Military Aid, Relief out of Almshouse, State Tax, County Tax, Abatement of Taxes, Interest on Bonds, Funds, and Notes, Redemption of Bonds, (Voted Oct. 21, 1889,) Notes payable, Printing and Stationery, Miscellaneous, Memorial Day, Insurance, Spring Grove Cemetery, Hay Scales, Park Commission, Tree Warden, Public Dump, and other town charges and expenses.

Article 5th.—To hear the report of the Committee on Improvements at the Town House and, if advisable, appropriate a sum of money for the same.

Article 6th —To see if the Town will accept the street as laid out by the Selectmen from Walnut avenue to Carmel Woods and appropriate a sum of money for constructing the same.

Article 7th.—To see if the Town will accept the street, Tyrian Way, so called, also the street on the northerly side of Tyrian Way, so called, as laid out by the Selectmen, both streets being now private ways.

Article 8th.—To see if the Town will accept the street as laid out by the Selectmen from a point on Elm street near Wm. S. Lawson's to a point on Summer street near Maurice Collins' and appropriate a sum of money for constructing the same, and for land and fence damages.

Article 9th.—To see if the Town will choose a committee to consider the High School question in Andover. Said committee to consult with the Trustees of the Punchard Free School, regarding the same and make a report and recommendations to the next annual meeting.

Article 10th.—To see if the Town will vote to purchase a steam roller to use on the roads and appropriate a sum of money therefor.

Article 11th.—To see if the Town will appropriate a sum of money for a steam fire engine on petition of the Engineers of the Fire Department.

Article 12th.—To see if the Town will locate and maintain lights on Lowell street between the Frye Village Schoolhouse and the West Parish Centre and appropriate a sum of money therefor, on petition of Anthony Ward and others.

Article 13th.—To see if the Town will appropriate one hundred dollars for the further marking and designation of graves of revolutionary patriots under the direction of the Phoebe Foxcroft Phillips Chapter D. R.

Article 14th.—To see if the Town will accept Chapter 309 of the Acts of 1885 authorizing towns to license groves to be used for picnics and other lawful amusements.

Article 15th.—To see if the Town will authorize the Board of Public Works to petition the legislature for authority to issue Water Loan Bonds to an amount not exceeding (\$40,000) forty thousand dollars in addition to those already issued.

Article 16th.—To see if the Town will make a contract with the Andover Electric Company for Street Lighting.

Article 17th.—To see if the Town will vote to build a sidewalk from Peter D. Smith's to the West Church and appropriate a sum of money therefor, on petition of Arthur T. Boutwell and others.

Article 18th.—To see if the Town will adopt the grades of streets as recommended by the Board of Public Works.

Article 19th.—To see if the Town will amend its By-laws by requiring junk dealers and dealers in second hand articles to be licensed.

Article 20th.—To see if the Town will vote to make necessary sanitary improvements at the Stowe School Building, connect the same with the town sewer and appropriate (\$4,000) four thousand dollars therefor on petition of the School Committee.

Article 21st.—To see if the Town will authorize the Town Treasurer to give a bond of three hundred dollars to the Andover Savings Bank to protect said bank in paying over to the Town all money remaining in said bank to the credit of Ann McAveney, deceased.

Article 22nd.—To see if the Town will vote to install a storage battery for the Fire Alarm and appropriate a sum of money therefor, on petition of the Engineers of the Fire Department.

Article 23rd.—To see if the Town will locate and maintain a fire alarm box, at some convenient point, at or near the Holt District School-house, and appropriate a sum of money therefor.

Article 24th.—To see if the Town will locate and maintain an incandescent light on Lowell street, Ballardvale, near Charles H. Kibbee's and appropriate a sum of money therefor.

Article 25th.—To see if the Town will direct its School Committee, or those having authority, to reopen the Holt District School and provide a suitable teacher therefor on petition of George W. Harnden and fifteen others.

Article 26th.—To see if the Town will locate and maintain a fire alarm box on Andover street near James J. Abbott's and appropriate a sum of money therefor.

Article 27th.—To act on the reports of the Town officers.

Article 28th.—To see if the Town will revise and accept the list of names of Jurors prepared and posted by the Selectmen.

Article 29th.—To fix the pay of the Firemen for the ensuing year.

Article 30th.—To determine the method of collecting the taxes for the ensuing year.

Article 31st.—To determine what disposition shall be made of unexpended appropriations.

Article 32nd.—To authorize the Treasurer to hire money for the use of the town in anticipation of Taxes, upon the approval of the Selectmen.

Article 33rd.—To determine the amount of money to be raised by taxation the ensuing year.

Article 34th.—To transact any other business that may legally come before the meeting.

In the name of the Commonwealth of Massachusetts you are hereby directed to notify and warn the inhabitants of the Town of Andover, qualified to vote in town affairs, to meet and assemble in the Town House, in said Andover, on Monday, the fourth day of March, 1901, at 7.30 A.M., to act on the following articles :

Hereof fail not, and make due return of this warrant with your doings thereon, to the Town Clerk, at the time and place of meeting.

Given under our hands at Andover this sixteenth day of February in the year nineteen hundred and one.

WM. G. GOLDSMITH,	} <i>Selectmen</i>	
SAMUEL H. BOUTWELL,		<i>of</i>
JOHN S. STARK,		} <i>Andover.</i>

MEMORIAL HALL LIBRARY

LIST OF ACCESSIONS

Bulletin No. 20. 1900.

LIST OF ACCESSIONS, 1900

A.

ABBOTT, C. C. In nature's realm.	591.5 A 131 i
ALLEN, J. L. Reign of law: a tale of the Kentucky hemp fields,	A 427 re
ALLEN, A. V. G. Life and letters of Phillips Brooks. 2v.	92.B 797 A
ALLEN, Grant. Hilda Wade: a woman with tenacity of purpose.	A 425 hi
AMERICAN Naturalist. Vol. 33.	505.A 512
ANDOVER Townsman. Vol. 12-13.	Ref.
ATLANTIC Monthly. Vol. 84-85.	051.A 881

B.

BALCH, T. W. The Alabama arbitration.	341.6 B 18
BANGS, J. K. Booming of Acre Hill, and other remin- iscences of urban and suburban life.	B 225 bo
The idiot at home.	B 225 i
BARRIE, J. M. Tommy and Grizel.	B 275 to
BARTON, W. E. Prairie schooner: a story of the Black Hawk war.	B 228 pr
BEARD, D. C. New ideas for American boys: the jack of all trades.	790.B 37 n
BELGER, Mrs. Frances C. B. A Georgian bungalow.	B 412 ge
BELKNAP, C. E. History of the Michigan organizations at Chickamauga, Chattanooga and Mission- ary Ridge, 1863.	977.4 B 41
BESANT, Sir Walter. The orange girl.	B 466 or
BIRDS and all nature. Vol. 6-7.	051.B 53
BISHOP, Mrs. Isabella I. B. The Yangtze valley and be- yond: journeys in China.	915.1 B 54
BONSAL, Stephen. The golden horse-shoe.	973.73 B 64
BLACKWOOD's Edinburgh Magazine. Vol. 166-167.	052.B 56
BOSTON, Mass. The directory, 1900.	Ref.
BOUVET, Marguerite. Tales of an old Chateau.	B 669 t

BRADY, C. T. Commodore Paul Jones. [Great commanders.]	92 J 726 B
Grip of honor: a story of Paul Jones and the American revolution.	B 723 gr
For the freedom of the sea.	B 723 fo
Reuben James: a hero of the forecassle.	B 722 re
BREWER, D. J., <i>editor</i> . The world's best orations. 9 v.	808.5 B 75
BRINTON, Selwin. Correggio. [Great masters in painting and sculpture.]	92.C 815 B
BROOKE, S. A. English literature: with chapters on English and American literature by George R. Carpenter.	820.B 79 C
BROOKS, E. L. Story of the nineteenth century of the Christian era.	909.8 B 79
BROWN, Mrs. Mary E., and Mrs. Helen G. Story of John Adams, a New England schoolmaster.	92.A 213 B
BROWN, W. B. The problem of final destiny: studies in the light of revised theological statement.	124.B 81
BURDETTE, R. J. Smiles yoked with tears.	811.B 89 s
BURNET, Mrs. Frances H. In connection with the De Willoughby claim.	B 935 in
BURROUGHS, John. Squirrels and other fur-bearers.	599.B 94
BUTTERWORTH, H. In the days of Jefferson; or, the six golden horse shoes.	B 986 in
Jack's carrier pigeons: a tale of the times of Father Taylor's mariner's home.	B 986 j

C.

CANDEE, Helen C. How women may earn a living.	396.C 16
CARPENTER, C. C. Andover Theological Seminary necrology, 1890-1900.	Ref.
CARPENTER, W. B. A popular history of the church of England, from the earliest period to the present day.	283.C 227
CASTLE, Agnes, and Egerton. Bath comedy.	C 267 b
CENTURY. Vol. 58-60.	051.C 33
CHAMBERS, G. F. Story of the eclipses, with especial reference to the total eclipse of the sun, May 28, 1900.	523.78 C 35
CHAMBERS, R. W. The conspirators: a romance.	C 553 co
CHURCHILL, W. L. S. London to Ladysmith via Pretoria.	968.C 47

CONANT, C. A.	United States in the Orient.	. . .	382.C 74
CONTEMPORARY	Review. Vol. 76-77.	. . .	052.C 76
CONVERSE, Florence.	Burden of Christopher.	. . .	C 763 bu
CORNHILL, Magazine.	New series. Vol. 7-8.	. . .	052.C 81
COSMOPOLITAN.	Vol. 27-29.	. . .	051.C 82
CRAIGIE, Mrs. Pearl R.	(John Oliver Hobbs.) Robert		
	Orange.	. . .	C 844 ro
CRANE, Stephen	Great battles of the world.	. . .	904.C 85
CROCKETT, S. R.	Joan of the sword hand.	. . .	C 875 jo
	Stickit minister's wooing.	. . .	C 875 sy
CRUTHWELL, Maud.	Luca Signorelli. [Great masters		
	in painting and sculpture.]	. . .	92.S 578 C

D.

DAVIS, W. R.	A friend of Caesar : a tale of the fall of		
	the Roman republic, 50-47 B. C.	. . .	D 299 fr
DELANEY, Mrs. Mary.	(Mary Granville.) A memoir,		
	1700-1778. <i>Comp.</i> , by George Preston.	. . .	92.D 375 P
DENNIS, J. S.	Christian missions and social progress.	. . .	266.D 42
DEVEREUX, Mary.	From Kingdom to colony.	. . .	D 495 f
DEVEREUX, Ray.	Side lights on South Africa.	. . .	968.D 49
DOWNES, W. H.	Twelve great artists.	. . .	927.D 75
DOYLE, W. H.	The green flag and other stories of war		
	and sport.	. . .	D 775 gr
DUDENEY, Mrs. H.	Folly corner.	. . .	D 863 fo
DUNNE, P. F.	Mr. Dooley's philosophy.	. . .	817.48 D 91 p

F.

FAHIE, J. J.	History of wireless telegraphy, 1838-1897.		537.F 14
FARMER, J. E.	Essays on French history.	. . .	944.04 F 22 e
FARNHAM, C. H.	Life of Francis Parkman.	. . .	92.P 234 F
FISKE, John.	Century of science, and other essays.	. . .	814.F 54 c
FLAMMARION, Carville.	The unknown.	. . .	133.F 61
FLETCHER, W. I., and Bowker, R. R., <i>editors</i> .	Annual		
	literary index, 1898-99.	. . .	Ref.
FORUM.	Vol. 28-29.	. . .	051.F 58
FOSTER, J. W.	Century of American diplomacy.	. . .	327.F 81
FOWLER, Ellen T.	The Farringdons.	. . .	F 828 f
FRANCIS, Mrs. M. E.	Yeoman Fleetwood.	. . .	F 845 y
FRYE, J. A.	First regiment of Massachusetts heavy ar-		
	tillery, U. S. volunteers in the Spanish		
	American war of 1898.	. . .	973.74 F 94

G.

GARLAND, Hamlin.	Eagle's heart.	.	.	.	.	G 184 e
GARRET, E. H.	Pilgrim shore.	.	.	.	.	917.44 G 19
GEDDIE, John.	Romantic Edinburgh.	.	.	.	.	914.14 G 26
GIDDINGS, F. H.	Democracy and empire, with studies of their psychological, economic, and moral foundations.	.	.	.	.	304.G 36
GLASGOW, Ellen.	Voice of the people.	.	.	.	.	G 464 go
GOOD Words.	Vol. 40.	.	.	.	.	052.G 59
GORDON, C. W. (Ralph Connor.)	Black rock: a tale of the Selkirks.	.	.	.	.	G 657 bl
	Sky pilot: a tale of the foothills.	.	.	.	.	G 657 sk
GORHAM, G. C.	Life and public services of Edwin M. Stanton. 2 v.	.	.	.	.	92.S 791 G
GRANT, Robert.	Unleavened bread.	.	.	.	.	G 768 u
GREGORY, George.	Ways of men.	.	.	.	.	390.G 86
GRIFFIS, W. E.	Pathfinders of the revolution: a story of the great march into the wilderness and lake regions of New York, in 1799.	.	.	.	.	G 875 p
GROSVENOR, E. A.	Constantinople. 2 v.	.	.	.	.	914.961 G 91
GUINNESS, H.	Andrea del Sarto. [Great masters in painting and sculpture.]	.	.	.	.	92.S 251 G
GUTHRIE, T. A. (F. Anstey.)	The brass bottle.	.	.	.	.	G 985 br

H.

HABBERTON, John.	All he knew: a story.	.	.	.	.	H 113 al
HAMONG, Leigh de,	Chiero's language of the hand.	.	.	.	.	133.6 H 18
HAPGOOD, Norman.	Abraham Lincoln: the man of the people.	.	.	.	.	92.L 633 ha
HARPER'S New Monthly Magazine.	Vol. 99-100.	.	.	.	.	051.H 23
HARRISON, Frederic.	Tennyson, Ruskin, Mill and other literary estimates.	.	.	.	.	824.H 24 T
HAWKINS, A. H. (Anthony Hope.)	Captain Dieppe.	.	.	.	.	H 313 ca
	Quisante: a novel.	.	.	.	.	H 313 qu
HEADLAM, J. W.	Bismarck and the foundations of the German empire.	.	.	.	.	92.B 543 H e
HEARN, Lafcadio.	Shadowings.	.	.	.	.	H 353 sh
HENTY, G. A.	In the hands of the cave dwellers.	.	.	.	.	H 395 ic
	In the Irish brigade.	.	.	.	.	H 395 ir
HILLEGAS, H. C.	Boers in war: the story of the British. Boer war of 1899-1900, as seen from the Boer side.	.	.	.	.	968.H 55

HOBSON, J. A. The war in South Africa : its causes and effects.	968.H 65
HOLBROOK, Richard. Boys and men : a story of life at Yale.	H 690 bo
HOURS at home. 11 vol.	051.H 81
HOWARD, Blanche W. The garden of Eden.	H 832 ga
HOWARD, Lady Mabel. Undoing of John Brewster.	H 834 un
HOWE, Mrs. Julia W. Reminiscences, 1819-1899.	92.H 835
HURD, Grace M. The Bennett twins.	H 935 be

I.

INGERSOLL, Ernest. Nature's calendar.	529.3 I 47
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J.

JACKSON, A. W. James Martineau : a biography and study.	92.M 364 J
JAMES, WILLIAM. Human immortality : two supposed objections to the doctrine.	237.2 J 23
JEROME, J. K. Three men on wheels.	J 477 th
JOWETT, Sarah O. Queen's twin, and other stories.	J 554 qu
JOHNSON, Clifton. Along French byways.	914.4 J 62
JOHNSTON, Mary. To have and to hold.	J 648 to
JONES, Mary C. European travel for women : notes and suggestions.	914.J 72

K.

KEELER, Harriet L. Our native trees, and how to identify them.	582.K 24
KIDD, Benjamin. Control of the tropics.	347.7 K 53
KING, J. M. Facing the nineteenth century.	973.K 58
KIPLING, Rudyard. Stalky & Co.	K 625 st

L.

LANG, Andrew, <i>editor</i> . The grey fairy book.	398.4 L 25 g
LAWRENCE American and Andover Advertiser, 1899.	Ref.
LEE, Albert. King Stork of the Netherlands : a romance of the early days of the Dutch repuglic.	L 511 ki
LIDGEY, C. A. Wagner.	92.W 125 L
LITTELL'S Living Age. Vol. 223-226.	051.L 71
LLOYD, H. D. A country without strikes : a visit to the compulsory arbitration of New Zealand.	311.L 77

LOTHROP, Mrs. Harriet M. S.	Adventures of Joel Pepper.	L 915 ad
	Five little Peppers grown up : sequel to five little Peppers midway.	L 915 f 3
LOWELL, J. R.	Impressions of Spain : edited by J. B. Gilder.	914.6 L 95

M.

McCLURE's Magazine.	Vol. 13-15.	051.M 13
McKAY, Minnie. (Marie Corelli.)	Boy : a sketch.	M 196 bo
McMASTER, J. B.	A history of the people of the United States, from the revolution to the civil war. Vol. 5.	973.M 22
MACNAMARA, D. G.	History of the ninth regiment Massachusetts Volunteer Infantry June, 1861-June, 1865.	973.73 M 23
MALDEN, Mass.	Memorial of the celebration of the two hundred and fiftieth anniversary of the town, May 1899.	974.45 M 29
MARQUAND, A., and Frothingham, A. L.	A text-book of the history of sculpture.	730.M 34
MASSACHUSETTS.	Census, 1895. Vol. 6.	317.44 M 38
	Education, Board of, Annual report, 1899.	351.85 M 38
	General court. Journal of the house of representatives, 1900.	328.74 M 38
	Journal of the senate, 1900.	328.74 M 38 j
	Manual containing the rules of the two branches, 1900.	Ref.
	Public documents. 12 v.	Ref.
	Attorney general. Official opinions of the attorney-generals of the Commonwealth of Mass. Vol. 1.	Ref.
	Secretary of the commonwealth. Massachusetts soldiers and sailors of the Revolutionary war. Vol. 6.	Ref.
	Supreme Court. Reports of cases argued and determined, 173-175.	345.42 M 38
MASSACHUSETTS society of the sons of the revolution,	historical memoranda with lists of members and their revolutionary ancestors.	973.3 M 38
MASSACHUSETTS	year book, 1900.	Ref.
MAU, August.	Pompeii, its life and art.	Ref.

MELVILLE, Lewis. Life of William Makepeace Thackeray. 2v.	92.T 324 M
MILLAIS, J. G. *Life and letters of Sir John Everett Millais. 2v.	92.M.615 M
MILLETT, G. D. Expedition to the Philippines.	991.4 M 61
MITCHELL, Lucy M. History of ancient sculpture.	732.M 69
MITCHELL, S. W. Autobiography of a quack, and the case of George Dedlow.	M 696 au
Dr. North and his friends.	M 696 dr
MONTAGUE, F. C. Elements of constitutional history from the earliest times to the present day.	342.42 M 76
MOODY, W. R. Life of Dwight L. Moody.	92.M 774 M

N.

NATION. Vol. 69-70.	071.N 21
NEW England Magazine. New series. Vol. 21-22.	051.N 42
NEW Illustrated Magazine. Vol. 22-23.	052.E 58
NORRIS, Frank. A man's woman.	N 792 m
NORTH American Review. Vol. 169-170.	051 N 81

O.

OLIPHANT, Mrs. Margaret O. W. Makers of Venice.	945.3 O 47
OLIVANT, Alfred. Bob, son of battle.	O 492 bo

P.

PEMBERTON, Max. Footsteps of a throne.	P 367 fo
PHILLIPS, Stephen. Paolo and Francesco: a tragedy in four acts.	822.P 54
POLLOCK, W. H. Jane Austen, her contemporaries and herself: an essay in criticism.	92.A 933 P
POOL, Maria L. Chums.	P 785 ch
Melvern Farm.	P 785 me
POPE, C. H. The pioneers of Massachusetts: a descriptive list, drawn from records of the colonies, towns and churches, and other documents,	Ref.
POPE, W. C. Life of Reverend de Koven, sometimes warden of Racine College.	92.D 368 P
POPULAR Science Monthly. Vol. 55-57.	505.P 81
POPULAR Science News. Vol. 33.	505.P 82

PROWSE, D. W. History of Newfoundland from the English, Colonial, and foreign records.	Ref.
PUTNAM, Georgiama L. Two legacies.	P 986 tw

R.

RAY, Anna C. Phebe, her profession, a sequel to Teddy her book.	R 214 ph
RAMÉE, Louise de la. Bimbi: stories for children.	398.4 R 14 b
REID, Wemyss. Memoirs and correspondence of Lyon Playfair.	92.P 691 R
REVIEW of Reviews. Vol. 20-21.	051.R 32
RHODES, J. F. History of the United States, from the compromise of 1850. Vol. 1, 3-4.	973.R 34
ROBINSON, C. H. Hausaland: or fifteen hundred miles through the Central Soudan.	916.22 R 56
ROBINSON, Edith. Little daughter of liberty.	R 564 lt
ROOSEVELT, Theodore. Strenuous life: essays and addresses.	304.R 67
RUSHFORTH, G. M. Carlo Crivelli. [Great masters in painting and sculpture.]	92.C 863 R
RUSSELL, Amelia E. Home life of the Brook Farm Association, with a short biographical sketch.	974.4 R 91

S.

SAGE, Robert. Robert Tourney; a romance of the French revolution.	S 129 ro
ST. NICHOLAS. Vol. 26-27.	051.S 147
SANTAYANA, George. Interpretations of poetry and religion.	204.S 223
The sense of beauty, being the outlines of aesthetic theory.	701.S 233
SAVAGE, M. J. Life beyond death.	218.S 264
SCIDMORE, Eliza R. China, the long lived empire.	915.1 S 416
SCIENTIFIC American. Vol. 82.	605.S 416
SCRIBNER'S Magazine. Vol. 26-27.	051.S 434
SHALER, N. S. The individual: a study of life and death.	218.S 52
SHELTON, Jane de F. Salt-box house: eighteenth century life in a New England town.	S 5441 s
SIENKIEWICZ, Henryk. Knights of the cross. 2v.	S 572 kn
SILL, E. R. Prose.	814.S 584

SLOSSON, Mrs. Annie T.	Story-tell Lib.	S 634 st
SMITH, F. H.	The other fellow.	S 647 ot
SMITH, Mrs. Mary P. W.	Young puritans of old Hatfield.	S 655 y
SMYTH, G. B., and others.	The crisis in China.	951.S 667
STEARNS, F. P.	The Midsummer of Italian art.	708.5 S 799
	Modern English prose writers.	928.S 799
	Sketches from Concord and Appledore.	928.S 799 s
STEVENS, G. W.	From Capetown to Ladysmith: an unfinished record of the South African war: edited by V. Blackburn.	968.S 81
	In India.	915.4 S 815
STEPHENS, R. N.	Philip Winwood: war of independence.	S 835 ph
STERN, H. I.	The Gods of our fathers: a study of Sax-on mythology.	293.S 839
STEVENS, Hazard.	Life of Isaac Ingalls Stevens. 2v.	92.S 844
STEVENSON, R. A. M.	Valasquez. [Great masters in painting and sculpture.]	92 V 545 S
STEVENSON, R. L.	Letters to his family and friends. Edited by S. Colvin. 2v.	92 S 848
STICKNEY, J. H., and Hoffman, R.	Bird world: a book for children.	598.2 S 854
STOCKTON, F. R.	Afield and afloat.	S 866 af
	A bicycle of Cathay.	S 866 bi
	Young master of Hyson Hall.	L 866 yo
STODDARD, W. O.	Lincoln at work: sketches from life.	92.L 633 S t
	Ulric the Jarl: a story of the penitent-thief.	S 869 ul
STRACHEY, Henry.	Raphael. [Great masters in painting and sculpture.]	92.R 185 S
STRONG, Josiah.	Expansion under new world-conditions.	325.S 82
SWIFT, Lindsay.	Brook Farm, its members, scholars, and visitors.	974.4 S 97

T.

TARKINGTON, Booth.	Monsieur Beaucaire.	T 172 mo
THOMPSON, A. R.	Gold-seeking on the Dalton trail: adventures of two New England boys in Alaska and the Northwest territory.	T 372 go
THOMPSON, Mrs. Grace G. L.	A woman tenderfoot.	917.8 T 37
THOMPSON, Maurice.	Alice of Old Vincennes.	T 337 al
TISSOT, J. J.	Life of our Savior Jesus Christ. 4v.	Ref.

11

TOMLINSON, E. E.	Jersey boy in the revolution.	T 554 je
TOMLINSON, E. T.	House-boat on the St. Lawrence.	T 597 ho
TRAIL, Florence.	My journey in foreign lands.	910.T 68
TURNBULL, Francese L.	Golden book of Venice : an historical romance of the 16th century.	T 846 go

U.

UNITED States.	<i>Bureau of Education.</i>	Report, 1898-1899.	379.73 U 58
	<i>Fish Commission.</i>		
	Bulletin.	Vol. 18, 1898.	639.U 58 b
	Report.	Vol. 25, 1899.	639.U 58 r
	<i>Navy Department.</i>		
	Official records of the Union and Confederate Navies.	Series 1, Vol. 9-10.	Ref.
	<i>War Department.</i>		
	War of the rebellion.	Series 3. Vol. 3-5.	Ref.
	Same.	Series 4. Vol. 1-3.	Ref.
UPHAM, Mrs. Grace L.	Told under the cherry trees, a book for the young.		U 671 to

V.

VANCE, A. T.	The real David Harum : wise ways and droll sayings of one "Dave" Harrum, the original of the hero of Mr. Westcott's popular book.	92.H 265 V
VAN DYKE, Henry.	The toiling of Felix, and other poems.	811.V 28
VAN DYKE, J. C.	Art for art's sake : seven university lectures on the technical beauties of painting.	704.V 28

W.

WALFORD, Mrs. Lucy B.	Sir Patrick : the Puddock.	W 145 si
WALTER, H. E., and others.	Studies in animal life.	591.5 W 17
WARD, Mrs. Elizabeth S. P.	Loveliness : story of a day.	W 212 lo
WARD, Mrs. Mary A. A.	Eleanor : a novel.	W 217 el
WARREN, Charles.	Girl and the governor.	W 252 gi

- WATERS, T. F. A sketch of the life of John Winthrop the younger, formerly of Ipswich, Mass., in 1633. 92.W 734 W
- WATSON, John. (Ian Maclaren.) Church folks : practical studies in Congregational life. . . . 262.19 W 33
- WELLS, D. D. His lordship's leopard. W 653 hi
- WEST, Sir Algernon. Recollections, 1832-1886. . . . 92 W 521
- WEYMAN, S. J. Sophia : a romance. W 546 so
- WHARTON, Edith. The touchstone. W 554 to
- WHIPPLE, H. B. Lights and shadows of a long episcopate, reminiscences and recollections. . . . 92.W 576
- WHITBY, Beatrice. Bequeathed : a novel. W 582 be
- WHITNEY, Mrs. Adeline T. D. Square pegs. W 612 sq
- WICKERSHAM, J. A. Enoch Willoughby : a novel. . . . W 633 en
- WILKINS, Mary E. The heart's highway : a romance of Virginia in the nineteenth century. W 653 he
Love of Parson Lord, and other stories. W 653 lo
- WILLIAMSON, G. B. Bernardino Luirri. [Great masters in painting and sculpture.] 92 L 962 W
- WINSHIP, A. E. Jukes-Edwards : a study in education and history. 920.02 W 732
- WISE, J. S. The end of an era. 92.W 755
- WOOD, Henry. Political economy of natural law. . . . 330.W 85
Victor Serenus : a story of the Pauline era. W 857 v
- WOODBERRY, G. E. Makers of literature : essays on Shelley, Landor, Browning, Arnold, Coleridge, Lowell, and others. 808.W 85

Y.

- YRIARTE, Charles. Venice : its history, art, industries and modern life. 945.3 y 8

TOWN OF ANDOVER

SECOND

ANNUAL REPORT

OF THE

BOARD OF PUBLIC WORKS

EMBRACING THE TWELFTH ANNUAL REPORT
OF WATER COMMISSIONERS AND FOURTH
ANNUAL REPORT OF SEWER
COMMISSIONERS.

FOR THE FISCAL YEAR ENDING

JANUARY 15, 1901

ANDOVER, MASS.
THE ANDOVER PRESS
1901

BOARD OF PUBLIC WORKS

JOHN H. FLINT, <i>Chairman</i> ,	Term expires 1902
FELIX G. HAYNES, <i>Secretary</i> ,	Term expires 1902
* JAMES P. BUTTERFIELD,	Term expires 1901
* WILLIAM S. JENKINS,	Term expires 1901
JOHN L. SMITH,	Term expires 1901

*Deceased.

SUPERINTENDENT

JOHN E. SMITH.

REPORT OF BOARD OF PUBLIC WORKS

To the Citizens of the Town of Andover :

Your Board of Public Works herewith submits its second annual report embracing the twelfth annual report of Water Commissioners and fourth annual report of Sewer Commissioners for the year ending Jan. 15, 1901.

SEWERS

There have been 279 buildings connected with the sewers, a gain of 73 since the last report.

The cost of sewers to 1900 was	\$108,638.76
Expended during the year,	11,247.47
Cost of system to date,	\$119,886.23
Sewer bonds sold,	\$125,000.00

The past year has been a busy one in this department. The lines laid in previous years have been looked after and put in proper shape when required. A short piece of new work on Main street near R. R. Bridge, new lines on Central street, from Phillips street to house of Geo. Ripley, and the whole of Phillips street have been completed. There has been constructed a pumping plant near the junction of Abbot street. The pump house is under the street entirely hidden from view and in no way interferes with or causes any inconvenience to street traffic. An automatic pump which regulates itself as regards requisite power derived from the water system is installed in the building and does the work admirably. This is a good piece of engineering viewed from any stand point. It requires but little attention, and very

effectually disposes of the sewage which collects at that point. In connection with this pump an extra line of cast iron pipe is laid to Central street and along that street to its junction with School street. This line is entirely independent of the regular sewer on that street and merely serves to pump the sewage through from Phillips street and part of Central into the School street line.

The other pump on Main street is doing finely, is easily cared for and the expense to run it is not heavy. The surroundings have in some measure been improved by grading the lot and fencing it.

The filter beds are in good condition and are taking care of the sewage with less trouble than was anticipated. They will require some care until the banks are well grassed, but beyond this the outlay will be light. The whole system as adopted by the town, with additions authorized at later meetings have been completed, excepting a few extension which may be made later.

All claims for damages to private property and rights of way outside of town ownership have been adjusted without litigation or extra expense. In the act of incorporation provision is made for partial payments on sewer assessments under certain conditions. Whenever such a request as provided in the act has been made, that more time be allowed in which to pay assessments, we have apportioned them into equal yearly payments which will in some measure relieve those to whom one payment would be a hardship.

The rate of interest changed on unpaid assessments is the per cent named in the charter and so adopted by the town, and we have no discretionary powers in the matter whatever. Our simple duty requires that we carry out the wishes of the town to the best of our ability.

WATERWORKS

Number of services in use,	876
Number of meters,	643

Cost of system to date,	\$208,624.48
Bonds issued,	200,000.00
Bonds redeemed,	55,000.00
Maintenance expenses,	\$4,915.23
Interest,	\$6,000.00
Water rates,	\$10,668.47

But little has been done in this department in the way of construction work during the year. The works have been kept in good condition and all matters connected with the welfare of the system have received proper attention.

Among the applications received for water service are several which if granted will require additional street lines. It is our opinion that where it is feasible and the requisite income is assured at the time with a fair prospect of continuing, the pipe should be laid and the parties supplied.

It has been the aim of the Water Board from the beginning to develop and improve the system in every possible manner compatible with the interests of the town. It has required more or less outlay each year to do this, but in so doing new patrons have been secured, and the revenues increased. It seems that this policy should be pursued. The town is growing and each year new demands are made which can only be met with more or less expenditure.

Since 1890 the water rates have been revised twice and in both instances where large quantities of water were used the rates were reduced, so that at the present time no town in the State is enjoying lower rates. Yet with these reductions the receipts from water rates have increased from \$5,977.41 in 1895 to \$10,668.47, the amount received this year. It will be necessary to have a new boiler the coming year as one of those now in use is, or soon will be, unfit for service and is not worth the very extensive repairs that would be required by the inspectors. An appropriation for this will be in order as there are no funds available for this purpose. The very large increase in the amount of water used by water takers and for town purposes is a matter of

great importance to all interested in the water system. In his report the Superintendent has made a very plain and candid statement of the conditions of the system and what may be necessary for its welfare in the future and we ask a careful perusal of his report pertaining to this matter.

It is very evident that some means must be provided for emergencies like this or any that may arise requiring expenditure of money. All of the bonds that were authorized have been issued and sold and it certainly seems the better way for the town to apply to the present legislature for permission to issue more water bonds, rather than appropriate a sum each year to be raised by taxation. The tax rate is high enough already and should the permission be granted, the town can then authorize the sale of whatever amount each year is necessary and the difference in the tax rate from this source would not be noticeable and no hardship imposed as the income from the system will increase in proportion to the outlay.

There was expended last year on account of Water Works :

For redemption of bonds,	\$5000.00
Interest on bonds,	6000.00
Amount added to sinking fund,	750.00
Maintenance acc't,	4916.00
Construction purposes,	3485.69

The town received for this expenditure last year :

Cash for water rates,	\$10,668.47
“ “ service pipe acc't.,	2,061.70

The town also was supplied with water for the following purposes which if charged at the lowest meter rates for the estimated amount used and the hydrants reckoned at the average price paid by Mass. towns to private water companies, the amounts would be as follows :

196 hydrants, at \$25. each,	\$4900.00
7 drinking fountains, at \$150. each,	1050.00

Water supplies to town house,	\$ 50.00
“ “ “ engine houses,	150.00
Poor farm,	100.00
Memorial Hall,	10.00
7 school houses,	175.00
Power repair shop,	350.00
2 sewer pumps,	150.00
Flushing sewers,	10.00
Highway Department,	100.00
Street sprinkling,	600.00

Mr. William S. Jenkins and Mr. James P. Butterfield, members of this Board, passed away during the year.

Mr. Jenkins was a member of the first Sewer Board and was connected with that and the present Board while he lived. Mr. Butterfield was elected a member of the first Water Board in 1889 and served continuously on that and the present one for nearly twelve years.

The report of the Superintendent accompanies this, to which we refer you for details and much useful information regarding the two systems.

Very respectfully,

JOHN H. FLINT	}	<i>Board of Public Works</i>
JOHN L. SMITH		
FELIX G. HAYNES		

SINKING FUNDS

The Sinking Fund Commissioners present the following report :

Water Loan. Issue of 1890

To redeem bonds Nos. 151 to 160 inclusive.	
To balance Jan., 1900,	\$3162 79
Received from Town of Andover,	150 00
Received interest Andover Savings Bank,	49 82
Received interest Essex Savings Bank,	37 32
Received interest City Institution of Savings,	
Lowell,	39 86
Received interest Merrimac Savings Bank,	3 00
	\$3442 79

Invested as follows :

Deposited in Andover Savings Bank,	\$1283 67
Deposited in Essex Savings Bank,	961 39
Deposited in City Institution of Savings,	1044 73
Deposited in Merrimac Savings Bank,	153 00
	\$3442 79

Issue of 1892

To redeem bonds Nos. 161 to 170 inclusive.	
To balance on hand Jan., 1900,	\$1652 65
Received from Town of Andover,	150 00
Received interest from Broadway Savings Bank,	47 40
Received interest from Lowell Five Cent Savings Bank,	27 00
	\$1877 05

Invested as follows :

Deposited in Broadway Savings Bank,	\$1221 15
Deposited in Lowell Five Cent Savings Bank,	655 90
	\$1877 05

Issue of 1893

To redeem bonds Nos. 171 to 180 inclusive.	
To balance Jan., 1900,	\$1282 22
Received from Town of Andover,	150 00
Received interest Andover Savings Bank,	35 56
Received interest Central Savings Bank,	19 20
	<hr/>
	\$1486 98

Invested as follows :

Deposited in Andover Savings Bank,	\$916 34
Deposited in Central Savings Bank,	570 64
	<hr/>
	\$1486 98

Issue of 1895

To redeem bonds Nos. 181 to 195 inclusive.	
To balance Jan., 1900,	\$1501 78
Received from Town of Andover,	225 00
Received interest Haverhill Savings Bank,	36 30
Received interest Lawrence Savings Bank,	23 58
	<hr/>
	\$1786 66

Invested as follows :

Deposited in Haverhill Savings Bank,	\$1065 16
Deposited in Lawrence Savings Bank,	721 50
	<hr/>
	\$1786 66

Issue of 1898

To redeem bonds Nos. 196 to 200 inclusive.	
To balance on hand Jan., 1900,	\$601 90
Received from Town of Andover,	75 00
Received interest Mechanics Savings Bank,	25 78
	<hr/>
	\$702 68

Invested as follows :

Deposited in Mechanics Savings Bank,	\$702 68
	<hr/>

Sewer Loan

To Balance Jan., 1900,	\$ 7268 68
Received from premium on bonds sold,	1000 00
Received from interest on bonds,	275 00
Received from interest Salem Five Cent Savings Bank,	7 33
Received from assessments and payments,	15000 00
Received from interest Andover National Bank,	73 41
	<u>\$23624 42</u>

Invested as follows :

Seven (7) Andover Sewer Bonds,	\$ 7000. 00
Deposited in Salem Five Cent Savings Bank,	551 01
Deposited in Andover National Bank,	16073 41
	<u><u>\$23624 42</u></u>

JOHN H. FLINT,	} <i>Sinking Fund</i>
JOHN L. SMITH,	
FELIX G. HAYNES,	
	<i>Commissioners.</i>

FINANCIAL STATEMENT

BOARD OF PUBLIC WORKS

Maintenance

John E. Smith, salary,	\$937 05
Geo. W. Spickler, salary,	840 00
Geo. Mander, salary,	598 25
Geo. Guthrie, labor,	451 78
Curran & Burton, coal,	511 68
Boston and Maine Railroad, freight,	279 48
Geo. E. Hussey, salary,	364 64
J. Albert Walker & Co., coal,	371 75
W. H. Higgins, board of horse and harness,	198 00
Edward Perron, labor,	185 82
Wright Stafford, repairs on boiler,	137 15
Henry J. Cunningham, labor,	133 58
Talbot Mill Supply Co., oil and waste,	93 18
N. E. Tel. & Tel. Co., telephone,	50 71
G. Lewis Burnham, labor,	60 00
E. W. Bigelow, engine oil,	62 86
Frank E. Gleason, coal and wood,	66 50
A. W. Chesterton, packing and supplies,	53 32
F. A. Andrews, clerical work,	52 50
P. M. Jefferson, wood,	42 75
Ira B. Hill, horse hire,	33 00
Andover Press, printing,	32 30
B. Servene, labor,	32 23
Arthur Bliss, box rent and postage,	44 00
Herbert Wright, fireman,	31 75
<i>Amount carried forward,</i>	<hr/> \$5664 26

<i>Amount brought forward,</i>	\$5664 28
Geo. W. Chandler, teaming,	31 38
Daniel Kelly, labor,	30 04
Geo. W. Knowlton, packing,	29 68
John Schofield, labor,	30 61
Henry McLawlin, paint and hardware,	27 73
Hardy & Cole, carpenter work,	27 35
John Guthrie, labor,	118 76
Anderson & Bowman, horseshoeing, etc.,	25 55
National Meter Co., parts of meters,	22 41
Tyer Rubber Co., pump valves,	19 70
A. Palm, wood,	15 00
Thomson Meter Co., parts of meters,	12 77
The E. E. Burnham Co., covering pipe,	12 00
Treat Hardware & Supply Co., hardware,	9 75
Smith & Manning, supplies,	7 99
Sclavini Matteo, labor,	9 06
Geo. Saunders, pipe fittings,	9 25
E. C. Pike, pipe fittings,	5 05
Tuttle & Morrison, repairing wagons,	6 95
John Bordiga, labor,	6 11
Geo. A. Higgins, stationery,	6 20
James Ronan, labor,	6 93
Michael Gill, labor,	5 74
F. H. Hardy, brushes,	5 00
James Pasho, labor,	4 26
Fred Byrom, brass castings,	3 68
Deane Steam Pump Co., parts of pump,	3 53
Wyoff, Seamans and Benedict, typewriter tapes,	3 50
Garlock Packing Co., packing,	3 75
James Murphy, labor,	3 02
Fire & Water, subscription,	3 00
C. N. Perkins, repairs on expansion joint,	3 00
Geo. H. Soule, labor,	2 46
<i>Amount carried forward,</i>	<hr/> \$6175 49

<i>Amount brought forward,</i>	\$6175 49
A. A. McDonald, repairs on wagon,	2 15
John Gill, labor,	1 94
J. E. Whiting, cleaning clock,	2 00
American Express Co.,	1 65
Lotta Celestino, labor,	1 96
Hugh Cunningham, labor,	1 60
John Kennelly, labor,	1 60
Chas. F. Mayer, repairs on harnesses,	1 70
Davis & Furber Machine Co., iron castings,	1 40
Buffalo Meter Co., parts of meters,	1 00
A. W. Caldwell, setting glass,	1 00
O. P. Chase, ink,	95
Andover Electric Co., telephone repairs,	90
H. P. Noyes, repairing table,	65
Thomas Madden, labor,	54
John Adams, carriage hire,	50
	<hr/>
	\$6197 03

Credit to Maintenance

Town of Andover, re-establishment of street grades,	\$200 00
Town of Andover, telephone rental,	11 25
Oil barrels sold,	6 00
Turning on water,	1 00
	<hr/>
	\$218 25
	<hr/>
Net cost maintenance, Water dept.,	\$4915 23
“ “ “ Sewer dept.,	1063 55
	<hr/>
Net cost Public Works, Maintenance,	\$5978 78
	<hr/> <hr/>

WATER WORKS.

Waterworks.	Receipts.
Water rates,	\$ 10668 57
Various parties, service pipes and meters,	1059 61
Tyer Rubber Co., laying fire pipe,	518 84
Town of Andover, appropriation for street surveys,	200 00
Town of Andover, iron pipe and telephone rent,	128 49
Smith & Dove Manfg. Co., changing fire pipe,	118 19
C. H. Marland, stock and labor,	16 99
Fred M. Hill, stock and labor,	8 42
Oil barrels, sold,	6 00
Iron pipe,	1 60
Turning on water,	1 00
Joseph T. Lovejoy, bench block,	1 00
Andover Electric Co., changing meter,	1 40
Dynamite,	16
	<hr style="width: 100%; border: none; border-top: 1px solid black; margin: 5px 0;"/> \$12730 27

Credit

Paid to Geo. A. Parker, treas.	
Water rates,	10668 57
Pipe Account,	2061 70
	<hr style="width: 100%; border: none; border-top: 1px solid black; margin: 5px 0;"/> \$ 12730 27

Pipe Distribution

U. S. Cast Iron Pipe & Foundry Co., pipe,	\$741 00
W. F. Rutter, specials,	187 97
Loring N. Farnum, pay roll, labor,	186 90
Chapman Valve Co., gates and indicator posts,	135 39
Geo. W. Chandler, teaming,	101 83
Geo. E. Hussey, salary,	60 00
Ludlow Valve Manfg. Co., gates and hydrants,	88 80
Wm. H. Higgins, board of horse,	89 50
John Schofield, labor,	45 39
Richards & Co., lead,	73 96
John Guthrie, labor,	36 15
John Bordiga, labor,	32 97
James Ronan, labor,	31 38
Sclavini Matteo, labor,	27 74
Renesslear Valve Manfg. Co., valves,	26 50
Thomas Maddon, labor,	24 44
B. Screvene, labor,	24 27
Michael Gill, labor,	17 78
Geo. Guthrie, labor,	54 20
Henry J. Cunningham, labor,	16 62
John Gill, labor,	15 55
John E. Smith, salary,	12 00
Wm. Wakeley, labor,	11 91
Daniel Kelley, labor,	9 60
Ira Hill, horse hire,	7 50
Boston & Maine, R. R. Co., freight,	9 21
John Kennelly, labor,	7 73
Lotta Celestine, labor,	6 04
Geo. H. Soule, labor,	5 00
Anderson & Bowman, blacksmith work,	5 25
A. P. Richardson, teaming,	4 50
<i>Amount carried forward,</i>	<hr/> \$2047 08

<i>Amount brought forward,</i>	\$2047 08
Alexander White, labor,	3 75
Hugh Cunningham, labor,	3 20
Perrin, Seamens & Co., blocks,	2 25
Frank Fenlason, labor,	1 60
City of Lawrence, special,	1 20
Walworth Manfg. Co., plugs,	80
Hardy & Cole, lumber,	50
American Express Co.,	15
	<hr/>
	\$2060 53

Credit to Pipe Distribution

Tyer Rubber Co., laying fire pipe,	518 84
Smith & Dove Manfg. Co., changing fire pipe,	118 19
Town of Andover, 14 inch pipe,	117 24
Cash for iron pipe,	1 60
Cash for Dynamite,	16
	<hr/>
	756 03

Service Pipe

Neptune Meter Co., meters,	\$316 80
Sumner & Goodwin Co., pipe and fittings,	153 36
Exeter Brass Works, brass fittings,	82 08
Geo. E. Hussey, salary,	31 67
John Guthrie, labor,	47 43
Chadwick Lead Works, lead pipe,	41 95
John Bordiga, labor,	34 11
Geo. Guthrie, labor,	81 33
Geo. Saunders, pipe fittings,	29 20
John Schofield, labor,	27 89
Sclavini Matteo, labor,	24 42
John E. Smith, salary,	24 00
Lotta Celestino, labor,	22 46
	<hr/>
<i>Amount carried forward,</i>	\$916 70

<i>Amount brought forward,</i>	\$916 70
B. Screvene, labor,	22 09
James Ronan, labor,	17 20
Walworth M'f'g Co., pipe fittings,	15 50
Lead Lined Iron Pipe Co., lead lined fittings,	11 24
Boston Lead Co., lead pipe,	10 70
Michael Gill, labor,	8 93
G. Lewis Burnham, labor,	8 00
E. C. Pike, pipe fittings,	7 83
Wm. H. Higgins, board of horse,	8 00
Wm. Wakeley, labor,	7 63
John Kennelly, labor,	7 72
John Gill, labor,	7 39
Anderson & Bowman, blacksmith work,	5 65
Thomas Madden, labor,	6 47
Hardy & Cole, lumber,	6 00
Henry J. Cunningham, labor,	5 15
Daniel Kelly, labor,	4 44
Boston & Maine R. R. Co., freight,	3 31
Hugh Cunningham, labor,	2 84
James Pasho, labor,	2 13
Abraham Wildrick, labor,	1 75
James Murphy, labor,	1 24
American Ex. Co.,	35
Henry McLawlin, hardware,	11
Tuttle & Morrison, bar iron,	1 00
	<hr/>
	\$1089 37

Credit to Service Pipe

Various parties, service pipe and meters,	\$1069 61
Chas. H. Marland, stock and labor,	16 99
Fred M. Hill,	8 42
Andover Electric Co., changing meter,	1 40
	<hr/>
	\$1096 42

Tools

Chas. P. Rea, boiler,	\$40 00	
John E. Smith, salary,	36 00	
Walworth M'fg. Co., pipe tools,	34 08	
Edward Perron, labor,	27 22	
Henry R. Worthington, pump,	10 00	
Perrin, Seamans & Co., lead pot, etc.,	9 99	
Treat Hardware & Supply Co., belting,		
drills and taps,	9 67	
G. Lewis Burnham, labor,	7 00	
M. T. Davidson, parts of pump,	6 30	
Anderson & Bowman, blacksmith work,	3 25	
Merrimac Iron Foundry, iron castings,	2 00	
Tuttle & Morrison, steel,	1 20	
Geo. Guthrie, labor,	1 33	
Fred Byrom, brass castings,	1 50	
American Express Co.,	75	
Boston & Maine R. R. Co., freight,	50	
Sumner & Goodwin Co., stock,	1 00	
		<hr/>
		\$191 79

Credit to Tools

Joseph T. Lovejoy, bench block,	\$1 00	
		<hr/>
		\$1 00

Office Fixtures

Henry McLawlin, punch and step ladder,	\$3 05	
Geo. Saunders, speaking tube,	1 70	
Geo. A. Saunders, inkstand,	25	
		<hr/>
		\$5 00

Pumping Plant

Edward Allen. Rochester cylinder oiler,	\$100 00	
		<hr/>
		\$100 00

Construction Expenses

Norman R. Willard, draughtsman,	\$39 00	
	<hr/>	\$39 00
		<hr/> <hr/>

Summary of Approved Bills

Maintenance,	\$6197 03	
Pipe Distribution,	2060 53	
Service Pipe,	1089 37	
Tools,	191 79	
Pumping Plant,	100 00	
Construction Expenses,	39 00	
Office Fixtures,	5 00	
	<hr/>	\$9682 72
		<hr/> <hr/>

Cost of Construction

Office Fixtures,	\$ 502 73	
Reservoir,	11074 59	
Buildings at Pumping Station,	9433 69	
Coal Shed,	806 97	
Pipe Distribution,	130160 74	
Service Pipe,	12525 76	
Construction Expenses,	6742 77	
Suction Pipe,	1309 46	
Pumping Plant,	26832 37	
Grading Land,	1739 12	
Tools,	1563 83	
Teams,	474 90	
Work Shop,	1259 62	
Water and Land Damages,	4133 30	
Telephone,	74 63	
	<hr/>	\$208634 48
		<hr/> <hr/>

SEWER DEPARTMENT

Common Sewers

Lorning N. Farnum, contract,	\$3111 07
U. S. Cast Iron Pipe & Foundry Co., C. I. pipe,	950 44
Waldo Bros., cement,	547 50
Portland Stoneware Co., sewer pipe,	721 16
Hardy & Cole, brick,	250 32
Mechanics Iron Foundry, manhole rings and covers,	155 05
Massachusetts Broken Stone Co., use of steam roller,	107 00
Richards & Co., pig lead,	96 84
Adams & Daw, use of road roller,	67 50
Town of Andover, crushed stone,	57 00
John Gill, labor,	39 39
Boston & Maine R. R. Co., freight,	25 16
John E. Smith, salary,	24 00
John Schofield, labor,	16 63
John Bordiga, labor,	15 51
John Guthrie, labor,	15 85
Wm. H. Higgins, board of horse,	15 50
B. Screvene, labor,	12 66
Hugh Cunningham, labor,	12 37
Geo. E. Hussey, salary,	12 00
Slavini Matteo, labor,	11 62
Henry W. Cunningham, concreting,	9 30
Lotta Celestino, labor,	9 24
Geo. W. Chandler, teaming,	7 75
Smith & Manning, cheesecloth,	6 62
<i>Amount carried forward,</i>	<hr/> \$6297 48

<i>Amount brought forward,</i>	\$6297 48
James Ronan, labor,	5 95
Daniel Kelley, labor.	4 62
M. J. O'Mahoney, sewer pipe,	5 68
Geo. Guthrie, labor,	4 32
Chas. P. Rea, repairing drain,	2 91
Geo. H. Soule, labor,	2 50
Thomas Mædden, labor,	2 24
Wm. Wakeley, labor,	2 03
Tyer Rubber Co., rubber mittens,	2 03
James Murphy, labor,	1 60
Michael Gill, labor,	58
Henry J. Cunningham, labor,	29
	<hr/>
	\$6332 23
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Underdrains

Loring N. Farnum, contract,	\$665 12
Smith & Dove, belting,	5 46
	<hr/>
	\$670 58
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Pumps

Henry R. Worthington, motor pump,	\$1000 00
Edward Perron, labor,	115 83
John E. Smith, salary,	42 00
Sumner & Goodwin Co., pipe,	32 27
Ludlow Valve Manfg. Co., valves,	28 52
Mason Regulator Co., balanced valve,	20 00
Fred Byrom, brass castings,	19 58
George Guthrie, labor,	19 00
Treat Hardware & Supply Co., babbitt metal,	13 35
John Guthrie,	12 94
B. Screvene, labor,	4 80
	<hr/>
<i>Amount carried forward</i>	\$1308 29

<i>Amount brought forward,</i>	\$1308 29
Geo. W. Chandler, teaming,	3 00
Boston & Maine R. R. Co., freight,	1 18
Walworth Manfg. Co., pipe fittings,	1 05
American Express Co.,	15
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	\$ 1313 67

Pump Houses

Loring N. Farnum, contract,	\$ 476 54
Mechanics Iron Foundry, light cover,	55 00
Hardy & Cole, flooring pump house,	25 78
W. F. Rutter & Co., specials,	25 47
John E. Smith, salary,	12 00
Geo. Saunders, stove,	8 76
John Schofield, labor,	5 25
Ira Hill, horse hire,	3 00
John Guthrie, labor,	2 53
B. Screvene,	1 60
Car fares,	1 00
Smith & Manning, grass seed,	41
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	\$617 34

Engineering Expenses

John E. Smith, salary,	546 40
Norman R. Willard, draughtsman,	313 50
Fred A. Andrews, rodman,	201 25
Henry J. Cunningham, inspector,	35 38
Frost & Adams Co., paper and supplies,	33 35
F. W. Klein, inspector,	16 50
G. Lewis Burnham, rodman,	11 00
Treat Hardware & Supply Co., tape,	9 00
Geo. A. Higgins, supplies,	7 70
Hardy & Cole, drafting board,	2 12
Henry McLawlin, chalk,	25
American Express Co.,	15
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	\$ 1176 60

Land Damages

P. J. Daly, right of way,	172 64
Hardy & Cole, building fence,	97 00
Joseph W. Clark, right of way,	95 92
Town of Andover street dept., building driveway,	93 32
A. R. Sanborn, recording deeds,	65
Geo. A. Parker, recording deeds,	65
Car fares,	35
	<hr/>
	\$460 53

Administration

John E. Smith, salary,	152 84
Fred A. Andrews, clerical work,	119 00
Andover Press, printing,	34 00
G. Louis Burnham, clerical work,	8 50
Arthur Bliss, postage stamps,	8 50
Geo. E. Hussey, clerical work,	9 00
	<hr/>
	\$331 84

Filter Beds

James Pasho, labor,	48 00
Geo. Mander, labor,	35 50
Waldo Bros., cement,	24 00
B. Screvene, labor,	2 66
Smith & Manning, grass seed,	1 68
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	\$111 84

Blow off Beds

Geo. Mander, labor,	16 08
John Gill, labor,	10 50
John Schofield, labor,	9 75
B. Scravene, labor,	9 60
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<i>Amount carried forward,</i>	\$45 93

<i>Amount carried forward,</i>	\$45 93
John Bordiga, labor,	8 00
Walter French, teaming,	7 65
Hugh Cunningham, labor,	5 68
Sclavene Matteo, labor,	4 08
Lotta Celestino, labor,	3 20
Ira Hill, horse hire,	3 00
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	\$77 54

Office Fixtures

Hardy & Cole, lumber for shelves,	\$1 65
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Tools

A. W. Chesterton, hose,	\$77 20
F. G. Haynes, shovels,	37 13
Perrin, Seamans & Co., forge,	16 00
Treat Hardware & Supply Co., machine	
drills and taps,	10 34
Henry McLawlin, small tools,	9 84
W. F. Rutter & Co., pipe taps,	2 49
Tuttle & Morrison, steel,	40
Boston & Maine R. R. Co., freight,	25
	<hr/>
	\$153 65

Summary of Approved Bills

Common Sewers,	\$6332 23
Underdrains,	670 58
Pumps,	1313 67
Pump Houses,	617 34
Engineering,	1176 60
Land Damages,	460 53
Administration,	331 84
Filter Beds,	111 84
Blow Off Beds,	77 54
Tools,	153 65
Office Fixtures,	1 65
House Connections,	1907 90
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	\$13155 37

Cost of Construction

Filter Beds,	\$17654 00
Common Sewers,	63482 89
Blow Off Beds,	1774 63
Underdrains,	13092 65
Tools,	725 85
Settling Tank,	1032 95
Pump Houses,	1682 01
Land Damages,	4610 91
Engineering Expenses,	12199 02
Administration,	739 15
Office Fixtures,	132 55
Screen Chamber,	43 10
Pumps,	2532 77
Land and Shop,	183 75
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	\$119886 23

House Connections

Portland Stoneware Co., sewer pipe,	\$430 70
Geo. E. Hussey, salary,	166 34
John Guthrie, labor,	158 21
John Bordiga, labor,	111 46
B. Screvene, labor,	107 07
James Murphy, labor,	90 79
John Schofield, labor,	86 67
Sclavini Matteo, labor,	86 29
Lotta Celestino, labor,	82 90
Wm. H. Higgins, board of horse,	77 00
James Ronan, labor,	60 79
John Gill, labor,	58 93
Sumner & Goodwin Co., soil pipe,	52 65
Smith & Manning, cheese cloth,	33 65
Thomas Madden, labor,	32 23
Henry J. Cunningham, labor,	46 92
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<i>Amount carried forward,</i>	\$1682 60

<i>Amount brought forward,</i>	\$1682 60
Henry W. Cunningham, concreting,	24 00
John Kennelley, labor,	21 95
Geo. Saunders, soil pipe,	21 26
John E. Smith, salary,	19 00
Daniel Kelley, labor,	18 22
Wm. Wakeley, labor,	14 94
Michael Gill, labor,	15 16
Patrick Kinney, labor,	13 68
James Pasho, labor,	10 93
Dr. J. P. Torrey, care of injured man,	8 00
Italian No. 740, labor,	7 50
Italian No. 644, labor,	4 50
Italian No. 730, labor,	4 50
Italian No. 870, labor,	4 50
E. C. Pike, fittings,	4 56
Geo. Guthrie, labor,	5 99
Daniel Buckley, labor,	5 64
Geo. H. Soule, labor,	4 44
Walter French, teaming,	2 50
Ira Hill, horse hire,	2 50
Walter Leonard, labor,	2 31
Boston & Maine R. R. Co., freight,	2 14
Mechanics Iron Foundry, catch basin cover,	1 73
Dr. Chas. E. Abbott, professional services,	1 50
Hardy & Cole, lumber,	1 50
Chas. Mayer, repairs on harnesses,	1 00
Geo. A. Higgins, stationery,	75
Henry McLawlin, line,	15
Moses T. Stevens & Sons, sand,	45
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	\$1907 90

SUPERINTENDENT'S REPORT

To the Board of Public Works :

The total length of water mains laid during 1900 was 2636.7 feet, 424 feet of 8 inch, 2186.7 feet of 6 inch., and 26 feet of 4 inch pipe. Two hydrants and nine valves have been added as follows :

Poor Street, from Joseph Poor's to C. L. Davis', 753.6 feet of 6 inch pipe, one hydrant and one valve.

Andover Street, from Mineral to Timothy Abbott's, 424 feet of 8 inch pipe and one valve.

Pray's Road, from Poor Street to Union Street, 954.9 feet of 6 inch pipe, one hydrant and two valves.

Porter Street, from dead end east, 104 feet of 6 inch pipe.

Tyer Rubber Co. fire pipe, 374.2 of 6 inch pipe, 3-6 inch and 1-4 inch valves.

Pump House, Phillips Street, 26 feet of 4 inch pipe and 1-4 inch valve.

Total length of mains, 25.83 miles.

Total number of public hydrants, 196.

Thirty-one applications for services were received and 31 pipes laid.

The total number of applications received to date is 902, total number of services in use, 876; number of meters, 641.

SCHEDULE OF SERVICE PIPE.

Laid during 1900.	Kind,	Cement Lined	Lead Lined.	Tarred	Lead.	Cast-Iron.	Total.
	Sizes	3, 1, 1½ In.	3, 1, 1½ & 2 In.	2 & 2½ Inches.	3 & 1 Inch.	4 Inch.	
	No. of Services, Owned by Town, Owned by Individ		30 688.7 1168.8	1 37.0 113.5			31 725.7 1282.8
	Total for 1900,		1857.5	150.5			2008.0
Previously Reported,	No. of Services, Length in feet,	612 47582.3	189 12472.3	5 643.0	6 817.0	3 738.2	845 61863.9
Total Jan. 1901,	No. of Services, Length in feet,	612 47582.3	219 14229.8	6 793.5	6 817.0	3 738.2	876 63871.9

The construction of sewers was done under a continuation of the contracts of 1899, with the exception of a short extension on North Main Street which was done by day labor. Central and Phillips Streets sewers were designed and built to collect the sewage in an underground tank at a point on Phillips near Abbot Street, a pump being installed at that place which lifts the sewage to the intercepting sewer at the corner of School and Central Streets. The location, size and length of sewers and underdrains laid during 1900 are :

Sewers

STREET	6 IN. C. I. FORCE MAIN	10 IN.	8 IN.	6 IN.	TOTAL
Central,	1919.7		950.4	352.3	1362.7
North Main,				167.2	167.2
Phillips,	354.0	157.0	1599.4	1171.2	2927.6
	<hr/> 2273.7	<hr/> 157.0	<hr/> 2549.8	<hr/> 1690.7	<hr/> 4397.5

Underdrains

	4. IN.
Central,	480.0
Phillips,	2595.0

Record and assessment plans have been made for the above. Assessment accounts have been made for all estates abutting on sewered streets; bills have been sent for all property benefitted previous to 1900.

There were received during the year 74 applications for house connections. Seventy-three connections have been made. Total number of applications, 296; total number of connections made, 279; length of house connections laid during 1900, 3151 feet.

The boilers at the pumping station are rapidly deteriorating. Boiler No. 2 was patched during the year and is in fair condition. Boiler No. 1 will require an expenditure of about \$400 to make it safe to run at 95 lbs. steam pressure; even at this it will be but a few years when the steam pres.

MONTHLY RECORD OF PUMPING SERVICE, 1900

Month.	Days.	Time.		Life, including friction.	LBS. COAL USED.			Gallons pumped.	DUTY		Average daily consumption.
					Pumping.	Banking Starting, Etc.	Total.		Ft. lbs. with 100 lbs. Coal.	By coal used pumping.		By total coal used.
		H	M	ft.							gallons.
January	22	131	35	330	24,050	7,450	31,500	8,919,225	106,144,984	81,040,853	289,330
February	20	117	50	330	23,600	8,200	31,800	8,283,244	96,520,851	71,631,827	295,284
March	23	142	00	330	27,300	6,850	34,150	9,817,218	97,426,225	79,055,226	316,685
April	21	135	30	330	30,100	4,300	34,400	9,868,816	86,841,346	78,895,930	328,960
May	23	172	10	330	37,850	4,600	42,450	12,076,267	87,716,864	78,211,071	389,557
June	25	186	25	330	37,900	5,000	42,900	13,162,792	94,981,736	83,509,910	438,759
July	26	198	45	330	35,800	5,250	41,050	13,973,820	107,346,508	93,617,539	450,770
August	27	205	00	330	37,000	5,800	42,800	14,563,265	108,230,347	93,329,972	466,557
September	25	200	35	330	35,486	5,000	40,486	14,101,475	109,251,662	95,783,856	470,049
October	27	205	25	330	39,025	5,400	44,425	14,731,928	103,048,822	91,189,199	475,223
November	27	194	20	330	45,480	5,300	50,780	13,935,070	84,259,914	75,465,537	464,502
December	27	215	55	330	43,600	7,550	51,150	15,485,816	97,651,146	83,237,341	499,542
Totals	293	2105	30	330	417,191	70,700	487,891	148,618,936	97,965,218	83,767,750	407,172

sure will have to be cut down. I would, therefore, advise that Boiler No. 1 be replaced with a new boiler built to carry 120 lbs. pressure.

An inspection of the pumping records, shows that at the present rate of increase in consumption, we will be obliged to establish two watches at the Pumping Station or pump more water per hour. The establishment of two watches means an increase in pumping expenses of about \$1000 a year. We have ample capacity in our pumping plant for the desired increase per hour; the trouble to be overcome is friction in the force main. At present we are pumping at the rate of 72000 gallons per hour with a friction head of 125 feet. An increase of 33 per cent. in the rate of pumping will increase the frictional head to 247 feet, creating a greater pressure than is safe for the pipes in the lower sections to carry.

By laying an 8 inch pipe from H. Barnard's, on Lowell Road, to Andover Street, Ballard Vale, we would practically obtain a second force main and accomplish the desired result without increase of friction.

Respectfully submitted,

JOHN E. SMITH.

